

DESIGN BASIS	
BUILDING CODE	=2018 IBC
RISK CATEGORY	=II
ROOF LOADS	
DEAD LOAD	=15 PSF
LIVE LOAD	=20 PSF
SNOW LOAD	
GROUND SNOW LOAD	=78 PSF
FLAT ROOF SNOW LOAD	=55 PSF
EXPOSURE FACTOR	=1.0
IMPORTANCE FACTOR	=1.0
THERMAL FACTOR	=1.0
SLOPE FACTOR	=1.0
DRIFT SURCHARGE LOAD	=73 PSF
WIDTH OF SNOW DRAFT	=10 FT
FLOOR LOADS	
DEAD LOAD	=18 PSF
LIVE LOAD	=40 PSF
WIND LOAD	
ULTIMATE WIND SPEED	=105 MPH
ASD WIND SPEED	=81 MPH
EXPOSURE	=B
INTERNAL PRESSURE COEFFICIENT	=+/- 0.18
SEISMIC LOAD	
IMPORTANCE FACTOR	=1.0
S _s	=0.581
SITE CLASS	=D
S _{ms}	=0.517
S _{mi}	=0.163
SEISMIC DESIGN CATEGORY	=D
SEISMIC FORCE-RESISTING SYSTEM	LIGHT-FRAMED (WOOD) WALLS SHEATHED WITH WOOD STRUCTURAL PANELS RATED FOR SHEAR RESISTANCE
DESIGN BASE SHEAR	=5.7 KIPS
SEISMIC RESPONSE COEFFICIENT (C _s)	=0.08
RESPONSE MODIFICATION FACTOR (R)	=6.5
ANALYSIS PROCEDURE	=EQUIVALENT LATERAL FORCE PROCEDURE

FOUNDATION

- FOUNDATIONS HAVE BEEN DESIGNED BASED ON PRESUMPTIVE BEARING CAPACITY OF 1500 PSF.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING AND PROTECTING ALL EXCAVATION.
- PERMANENTLY BRACE ALL BASEMENT FOUNDATION WALLS PRIOR TO BACKFILLING.
- DO NO BACKFILL AGAINST CANTILEVER RETAINING WALLS UNTIL CONCRETE HAS REACHED DESIGN STRENGTH.
- FOOTINGS SHALL BE 48" MINIMUM BELOW FINISHED GRADE.
- UNSUITABLE MATERIAL SHALL BE REMOVED AND REPLACED WITH COMPACTED SOIL.
- FOUNDATIONS SHALL NOT BE PLACED ON FROZEN GROUND OR IN WATER.
- ALL FOOTING EXCAVATIONS SHALL BE FINISHED BY HAND.
- CONTRACTOR TO COORDINATE ALL FLOOR DRAINAGE AND PLUMBING.

REINFORCING

- ALL CONCRETE SHALL INCLUDE REINFORCEMENT. IF REINFORCING IS NOT SPECIFICALLY INDICATED ON DRAWINGS, CONTACT ENGINEER.
- REINFORCEMENT SHALL CONFORM TO THE FOLLOWING STANDARDS:

ITEM	MATERIAL
DEFORMED BARS	ASTM A615 GRADE 60
WELDED WIRE REINFORCEMENT	ASTM A706
- WHERE 90, 135, OR 180 DEGREE HOOKS ARE INDICATED ON PLANS, PROVIDE ACI STANDARD HOOK.
- LAP REINFORCEMENT PER LAP SPLICE LENGTH SCHEDULE UNO.
- PROVIDE NECESSARY ACCESSORIES TO PROPERLY PLACE REINFORCEMENT.
- REINFORCEMENT SHOWN IN DETAILS IS MEANT TO BE TYPICAL UNO.
- DOWELS SHALL MATCH BAR SIZE AND NUMBER OF THE MAIN REINFORCING.

CONCRETE

- ALL CONCRETE WORK SHALL COMPLY WITH THE CURRENT VERSION OF ACI 318.
- CONCRETE COMPRESSIVE STRENGTHS, EXPOSURE CLASSIFICATION AND WEIGHT:

COMPONENT	EXPOSURE CLASS	COMPRESSIVE STRENGTH
FOOTINGS	F3/SO/WO/C1	2500 PSI
FOUNDATION WALLS	F1/SO/WO/C1	3500 PSI
INT. SLAB ON GRADE	F0/SO/WO/C0	2500 PSI
EXT. PIERS/COLUMNS	F1/SO/WO/C1	3500 PSI
INT. SLABS ON METAL DECK	F0/SO/WO/C0	2500 PSI
EXT. SLABS ON METAL DECK	F2/SO/WO/C2	5000 PSI
- ALL CONCRETE SHALL BE THOROUGHLY CONSOLIDATED.
- USE OF CHLORIDE CONTAINING AGENTS AND CALCIUM CHLORIDE IS PROHIBITED. PLACEMENT OF CONCRETE IN CONTACT WITH ALUMINUM IS ALSO PROHIBITED.
- CONCRETE SHALL BE NORMAL WEIGHT UNO.
- ALL EXPOSED EDGES SHALL BE CHAMFERED 3/4" UNO BY ARCHITECT.
- CONCRETE COVER SPECIFIED IN CONCRETE COVER TABLE.
- SUBMIT ENGINEERED CONCRETE MIXES INCLUDING REQUIRED BACKUP DATA FOR EACH TYPE OF CONCRETE TO BE USED FOR ENGINEER REVIEW.
- FORMS SHALL NOT BE STRIPPED UNTIL CONCRETE HAS REACHED DESIGN STRENGTH.
- CONCRETE COVER PER CONCRETE COVER SCHEDULE.

WOOD

- LUMBER AND FASTENERS SHALL CONFORM TO NDS SPECIFICATIONS OF STRESS-GRADE LUMBER AND ITS FASTENING.
- ALL SHEATHING SHALL BE APA RATED.
- ALL FASTENERS SHALL BE HOT-DIPPED ZINC-COATED GALVANIZED STEEL OR STAINLESS STEEL.
- SILL PLATES SHALL BE PRESSURE TREATED.
- ALL STRUCTURAL MEMBERS SHALL BE DOUGLAS FIR-LARCH #2 UNO.
- ALL GLULAM MEMBERS SHALL BE DF-24F-V4 UNO.
- ALL LVL MEMBERS SHALL BE 2.0E OR BETTER UNO.
- ALL PSL HEADERS AND BEAMS SHALL BE 2.0E OR BETTER.
- ALL PSL POSTS AND COLUMNS SHALL BE 1.8E OR BETTER.
- ALL LSL POSTS AND COLUMNS SHALL BE 1.3E OR BETTER.
- ALL NAILING OF WOOD MEMBERS SHALL BE IN ACCORDANCE WITH TABLE 2304.10.1 OF THE APPLICABLE VERSION OF THE IBC.
- OVERBUILD FRAMING SHALL BE MADE WITH 2X MEMBERS IN ACCORDANCE WITH THE CURRENT VERSION OF THE IBC.
- POSTS SUPPORTING HEADERS SHALL CONTINUE FROM POINT OF LOAD DOWN TO FOUNDATION.
- FLUSH FRAMING CONNECTIONS SHALL BE MADE WITH HANGER.
- ALL BEAMS OVER COLUMNS SHALL HAVE METAL POST CAP.
- BOLT HOLES SHALL BE LIMITED TO 1 1/8" LARGER THAN REQUIRED BOLT DIAMETER.
- BORED HOLES IN WALL STUDS SHALL BE AT LEAST 5/8" FROM EDGE.
- ALL WOOD EXPOSED TO WEATHER SHALL BE PRESSURE TREATED.
- WOOD STRUCTURAL PANELS SHALL BE INSTALLED WITH 1/8" GAP BETWEEN PANEL EDGES.
- ALL INTERIOR BEARING WALLS SHALL HAVE AT LEAST ONE MID-HEIGHT ROW OF BLOCKING. UNSHEATHED WALLS SHALL HAVE BLOCKING EVERY 4'-3" O.C.
- ALL NAILS IN NAILING SCHEDULE SHALL BE COMMON. THREADED, HARDENED STEEL NAILS MAY BE SUBSTITUTED FOR COMMON SIZE NAILS OF CORRESPONDING SIZE FOR PLYWOOD. USE ANNULAR-RING, COMMON WIRE, GALVANIZED NAILS FOR PLYWOOD. GALVANIZED NAILS SHALL BE HOT-DIP GALVANIZED, ASTM A153.
- ALL FASTENERS USED IN PRESSURE TREATED WOOD SHALL BE COATED, TREATED, AND APPROVED FOR USE BY THE MANUFACTURER.
- EDGE DISTANCE FOR NAILS SHALL BE MINIMUM OF 2 TIMES THE WIRE DIAMETER UNLESS UNO ON PLANS.

WOOD JOISTS

- ALL WOOD I-JOISTS SHALL BE STAMPED WITH APA PRI TRADEMARK.
- JOISTS SHALL BE 10E-NAILED TO SUPPORT WITH (2) 10d NAILS.
- JOISTS SHALL HAVE MINIMUM BEARING OF 1-1/2".
- LAP JOISTS AT BEARING WALL A MINIMUM OF 4" AND NAIL TOGETHER WITH (3) 16d NAILS.

BAR COVER

ITEM	
CAST AGAINST EARTH	3"
SLABS ON GRADE	1 1/2"
FORMED SURFACES NOT EXPOSED TO EARTH OR WEATHER AT SLABS, WALL, AND JOISTS	3/4"
FORMED SURFACES NOT EXPOSED TO EARTH OR WEATHER AT BEAMS AND COLUMNS	1 1/2"
FORMED SURFACES EXPOSED TO EARTH OR WEATHER	1 1/2"

LAP SPLICE SCHEDULE

	F'c=3000 PSI	F'c=3500 PSI	F'c=4000 PSI	F'c=4500 PSI	F'c=5000 PSI
BAR SIZE	TYP/TOP (IN)	TYP/TOP (IN)	TYP/TOP (IN)	TYP/TOP (IN)	TYP/TOP (IN)
#3	17/22	16/20	15/19	14/18	13/17
#4	22/29	21/27	19/25	18/24	17/23
#5	28/36	26/33	24/31	23/30	22/28
#6	33/43	31/40	29/37	27/35	26/34
#7	48/63	45/58	42/54	40/51	38/49

- NOTES:
- ALL LAP SPLICES ARE CLASS B.
 - HORIZONTAL BARS WHERE 12" OR MORE OF FRESH CONCRETE IS CAST BELOW SHALL BE CONSIDERED "TOP".

TYP WOOD HANGERS

FRAMING TYPE	SIMPSON FASTENER
SINGLE JOIST END HANGER TO WOOD BEAM	
2x4	LUS24
2x6	LUS26
2x8	LUS28
2x10	LUS210
2x12	LUS212
DOUBLE JOIST END HANGER TO WOOD BEAM	
(2) 2x4	LUS26-2
(2) 2x6	LUS26-2
(2) 2x8	LUS28-2
(2) 2x10	LUS210-2
(2) 2x12	LUS212-2
TRIPLE JOIST END HANGER TO WOOD BEAM	
(3) 2x6	LUS26-3
(3) 2x8	LUS28-3
(3) 2x10	LUS210-3
(3) 2x12	LUS212-3
I-JOIST END HANGER TO WOOD BEAM	
ALL SIZES	IUS SERIES
LVL END HANGER TO WOOD BEAM	
ALL SIZES	HU SERIES
RAFTER END HANGER TO WOOD BEAM	
2x6	LRL26Z
2x8	LRL28Z
2x10	LRL210Z
2x12	LRL212Z
RAFTER END HANGER TO WOOD BEAM - SLOPED AND SKEWED	
2x8	LSU26
2x8	LSSU28
2x10	LSSU210
2x12	LSSU210

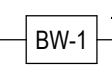
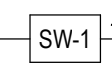
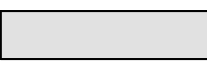
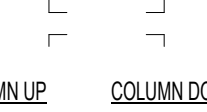
- NOTES:
- JOIST HANGER NAILING SHALL BE IN ACCORDANCE WITH SIMPSON'S REQUIREMENTS. WHERE A MINIMUM AND MAXIMUM NAILING PATTERN ARE GIVEN, THE MAXIMUM SHALL BE USED.
 - INSTALLATION PER MANUFACTURER'S REQUIREMENTS.
 - SIMPSON ZMAX FINISH REQUIRED FOR EXTERIOR APPLICATIONS.

ABBREVIATIONS

ACI	AMERICAN CONCRETE INSTITUTE
ADDL	ADDITIONAL
ASCE	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
ALT	ALTERNATE
ARCH	ARCHITECT
ASD	ALLOWABLE STRESS DESIGN
AWSS	AMERICAN WELDING SOCIETY
BOT	BOTTOM
BPF	BOTTOM OF FOOTING
BRG	BEARING
CIP	CAST-IN-PLACE
CL	CENTERLINE
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONT	CONTINUOUS
D&E	DRILL AND EPOXY
DIA	DIAMETER
DN	DIMENSION
DN	DOWN
DWG	DRAWING
DWLS	DOWELS
(E)	EXISTING
EA	EACH
EF	EACH FACE
EL	ELEVATION
EQ	EQUAL
EF	EACH FACE
EW	EACH WAY
(F)	FOOTING
FND	FOUNDATION
FLR	FLOOR
FT	FEET
FTG	FOOTING
GT	GIRDER TRUSS
HORIZ	HORIZONTAL
HSS	HOLLOW STRUCTURAL SECTION
IBC	INTERNATIONAL BUILDING CODE
IN	INCH
K	KIP
LIH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LRFD	LOAD RESISTANCE FACTOR DESIGN
LWC	LIGHT WEIGHT CONCRETE
MECH	MECHANICAL
MEP	MECHANICAL, ELECTRICAL, PLUMBING
MEZZ	MEZZANINE
(N)	NEW
NTS	NOT TO SCALE
NWC	NORMAL WEIGHT CONCRETE
OWJ	OPEN WEB JOIST
UNO	UNLESS NOTED OTHERWISE
PL	PLATE
PSF	POUNDS PER SQUARE FEET
PSI	POUNDS PER SQUARE INCH
PT	PRESSURE TREATED
REF	REFERENCE
REINF	REINFORCING
SIM	SIMILAR
SOG	SLAB-ON-GRADE
STL	STEEL
SW	SHEARWALL
T&B	TOP AND BOTTOM
TOC	TOP OF CONCRETE
TOS	TOP OF STEEL
TOF	TOP OF FOOTING
TOW	TOP OF WALL
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL
VIF	VERIFY IN FIELD
WI	WITH
WWF	WELDED WIRE FABRIC

DRAWING LIST	
SHEET NUMBER	DRAWING NAME
S0.0	GENERAL NOTES
S0.1	GENERAL NOTES
S1.0	FRAMING PLAN
S1.1	FOUNDATION AND ROOF FRAMING PLAN
S2.0	CONCRETE DETAILS I
S3.0	WOOD DETAILS I

LEGEND

WOOD BEARING WALL		WALL TYPE
WOOD SHEAR WALL		WALL TYPE
CONCRETE WALL		
JOIST HANGER PER SCHEDULE		
HSS COLUMN		
WIDE FLANGE COLUMN		
WOOD COLUMN		
CONCRETE COLUMN		
SLAB STEP		



Salt Lake City, UT
PH: 801-810-5061
hazelwood-eng.com

CLIENT
SOLSTICE DESIGN BUILD

Reviewed for
Code Compliance

09/25/2023

MILNER MICROHOUSING

LOT 15 AND LOT 16, MAIN ST., STEAMBOAT SPRINGS, CO



STATUS

MARK	DATE	DESCRIPTION
	9/12/2023	PERMIT

PROJECT NUMBER 23-047
DATE 9/5/2023
DRAWN BY RRH
APPROVED BY RRH

GENERAL NOTES

S0.0

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BUILDING CODE	=2018 IBC
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IMPORTANCE FACTOR	=1.0
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S _{ms}	=0.517
S _{si}	=0.163
SEISMIC DESIGN CATEGORY	=D
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DESIGN BASE SHEAR	=5.7 KIPS
SEISMIC RESPONSE COEFFICIENT (C _s)	=0.08
RESPONSE MODIFICATION FACTOR (R)	=5.5
ANALYSIS PROCEDURE	=EQUIVALENT LATERAL FORCE PROCEDURE

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- REINFORCEMENT SHALL CONFORM TO THE FOLLOWING STANDARDS:

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- WHERE 90, 135, OR 180 DEGREE HOOKS ARE INDICATED ON PLANS, PROVIDE ACI STANDARD HOOK.
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COMPONENT	EXPOSURE CLASS	COMPRESSIVE STRENGTH
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FOUNDATION WALLS	F1/SO/W/C1	3500 PSI
INT. SLAB ON GRADE	F0/SO/W/C0	2500 PSI
EXT. PIERS/COLUMNS	F1/SO/W/C1	3500 PSI
INT. SLABS ON METAL DECK	F0/SO/W/C0	2500 PSI
EXT. SLABS ON METAL DECK	F2/SO/W/C2	5000 PSI
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- FORMS SHALL NOT BE STRIPPED UNTIL CONCRETE HAS REACHED DESIGN STRENGTH.
- CONCRETE COVER PER CONCRETE COVER SCHEDULE.

WOOD

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- ALL FASTENERS SHALL BE HOT-DIPPED ZINC-COATED GALVANIZED STEEL OR STAINLESS STEEL.
- SILL PLATES SHALL BE PRESSURE TREATED.
- ALL STRUCTURAL MEMBERS SHALL BE DOUGLAS FIR-LARCH #2 UNO.
- ALL GLULAM MEMBERS SHALL BE DF-24F-V4 UNO.
- ALL LVL MEMBERS SHALL BE 2.0E OR BETTER UNO.
- ALL PSL HEADERS AND BEAMS SHALL BE 2.0E OR BETTER.
- ALL PSL POSTS AND COLUMNS SHALL BE 1.8E OR BETTER.
- ALL LSL POSTS AND COLUMNS SHALL BE 1.3E OR BETTER.
- ALL NAILING OF WOOD MEMBERS SHALL BE IN ACCORDANCE WITH TABLE 2304.10.1 OF THE APPLICABLE VERSION OF THE IBC.
- OVERBUILD FRAMING SHALL BE MADE WITH 2X MEMBERS IN ACCORDANCE WITH THE CURRENT VERSION OF THE IBC.
- POSTS SUPPORTING HEADERS SHALL CONTINUE FROM POINT OF LOAD DOWN TO FOUNDATION.
- FLUSH FRAMING CONNECTIONS SHALL BE MADE WITH HANGER.
- ALL BEAMS OVER COLUMNS SHALL HAVE METAL POST CAP.
- BOLT HOLES SHALL BE LIMITED TO 1/16" LARGER THAN REQUIRED BOLT DIAMETER.
- BORED HOLES IN WALL STUDS SHALL BE AT LEAST 5/8" FROM EDGE.
- ALL WOOD EXPOSED TO WEATHER SHALL BE PRESSURE TREATED.
- WOOD STRUCTURAL PANELS SHALL BE INSTALLED WITH 1/8" GAP BETWEEN PANEL EDGES.
- ALL INTERIOR BEARING WALLS SHALL HAVE AT LEAST ONE MID-HEIGHT ROW OF BLOCKING. UNSHEATHED WALLS SHALL HAVE BLOCKING EVERY 4'-3" O.C.
- ALL NAILS IN NAILING SCHEDULE SHALL BE COMMON. THREADED, HARDENED STEEL NAILS MAY BE SUBSTITUTED FOR COMMON SIZE NAILS OF CORRESPONDING SIZE FOR PLYWOOD. USE ANNULAR-RING, COMMON WIRE, GALVANIZED NAILS FOR PLYWOOD. GALVANIZED NAILS SHALL BE HOT-DIP GALVANIZED, ASTM A153.
- ALL FASTENERS USED IN PRESSURE TREATED WOOD SHALL BE COATED, TREATED, AND APPROVED FOR USE BY THE MANUFACTURER.
- EDGE DISTANCE FOR NAILS SHALL BE MINIMUM OF 2 TIMES THE WIRE DIAMETER UNLESS UNO ON PLANS.

WOOD JOISTS

- ALL WOOD I-JOISTS SHALL BE STAMPED WITH APA PRI TRADEMARK.
- JOISTS SHALL BE 10E-NAILED TO SUPPORT WITH (2) 10d NAILS.
- JOISTS SHALL HAVE MINIMUM BEARING OF 1-1/2".
- LAP JOISTS AT BEARING WALL A MINIMUM OF 4" AND NAIL TOGETHER WITH (3) 16d NAILS.

BAR COVER

ITEM	
CAST AGAINST EARTH	3"
SLABS ON GRADE	1 1/2"
FORMED SURFACES NOT EXPOSED TO EARTH OR WEATHER AT SLABS, WALL, AND JOISTS	3/4"
FORMED SURFACES NOT EXPOSED TO EARTH OR WEATHER AT BEAMS AND COLUMNS	1 1/2"
FORMED SURFACES EXPOSED TO EARTH OR WEATHER	1 1/2"

LAP SPLICE SCHEDULE

BAR SIZE	F' _c =3000 PSI TYP/TOP (IN)	F' _c =3500 PSI TYP/TOP (IN)	F' _c =4000 PSI TYP/TOP (IN)	F' _c =4500 PSI TYP/TOP (IN)	F' _c =5000 PSI TYP/TOP (IN)
#3	17/22	16/20	15/19	14/18	13/17
#4	22/29	21/27	19/25	18/24	17/23
#5	28/36	26/33	24/31	23/30	22/28
#6	33/43	31/40	29/37	27/35	26/34
#7	48/63	45/58	42/54	40/51	38/49

- NOTES:
- ALL LAP SPLICES ARE CLASS B.
 - HORIZONTAL BARS WHERE 12" OR MORE OF FRESH CONCRETE IS CAST BELOW SHALL BE CONSIDERED "TOP".

SHEAR WALL SCHEDULE

TYPE	SHEATHING	EDGE NAILING	FIELD NAILING	BOTTOM PLATE NAILING	STUD/BLOCKING AT JOINTS	SILL OR BOTTOM PLATE	MAX 1/2" ANCHOR BOLT SPACING	MAX 5/8" ANCHOR BOLT SPACING
SW1	7/16" APA RATED OSB	8d@6" O.C.	8d@12" O.C.	16d@6" O.C.	(2) 2x	(2) 2x	32" O.C.	32" O.C.
SW2	7/16" APA RATED OSB	8d@4" O.C.	8d@12" O.C.	16d@4" O.C.	(2) 2x	(2) 2x	24" O.C.	32" O.C.
SW3	7/16" APA RATED OSB	8d@3" O.C.	8d@12" O.C.	16d@4" O.C.	(2) 2x OR 3x	(2) 2x OR 3x	16" O.C.	24" O.C.
SW4	7/16" APA RATED OSB	8d@2" O.C.	8d@12" O.C.	14"x6" SDS@6" O.C.	(2) 2x OR 3x	(2) 2x OR 3x	12" O.C.	16" O.C.

- NOTES:
- ALL STUDS ARE DFL #2 OR BETTER.
 - USE #4 COMMON WIRE NAILS. USE HOT-DIPPED GALVANIZED NAILS WHEN NAILING TO PRESSURE TREATED LUMBER.
 - PROVIDE END POST AT EACH END OF SHEAR WALL.
 - ANCHORS TO BE 1/2" DIA. J-BOLT 1/1" MIN EMBED UNO.

TYP WOOD HANGERS

FRAMING TYPE	SIMPSON FASTENER
SINGLE JOIST END HANGER TO WOOD BEAM	
2x4	LUS24
2x6	LUS26
2x8	LUS28
2x10	LUS210
2x12	LUS212
DOUBLE JOIST END HANGER TO WOOD BEAM	
(2) 2x4	LUS24-2
(2) 2x6	LUS26-2
(2) 2x8	LUS28-2
(2) 2x10	LUS210-2
(2) 2x12	LUS212-2
TRIPLE JOIST END HANGER TO WOOD BEAM	
(3) 2x6	LUS26-3
(3) 2x8	LUS28-3
(3) 2x10	LUS210-3
(3) 2x12	LUS212-3
I-JOIST END HANGER TO WOOD BEAM	
ALL SIZES	IUS SERIES
LVL END HANGER TO WOOD BEAM	
ALL SIZES	HU SERIES
RAFTER END HANGER TO WOOD BEAM	
2x6	LRL26Z
2x8	LRL28Z
2x10	LRL210Z
2x12	LRL212Z
RAFTER END HANGER TO WOOD BEAM - SLOPED AND SKEWED	
2x8	LSSJ28
2x8	LSSJ28
2x10	LSSJ210
2x12	LSSJ210

- NOTES:
- JOIST HANGER NAILING SHALL BE IN ACCORDANCE WITH SIMPSON'S REQUIREMENTS. WHERE A MINIMUM AND MAXIMUM NAILING PATTERN ARE GIVEN, THE MAXIMUM SHALL BE USED.
 - INSTALLATION PER MANUFACTURER'S REQUIREMENTS.
 - SIMPSON ZMAX FINISH REQUIRED FOR EXTERIOR APPLICATIONS.

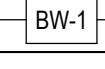
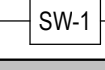
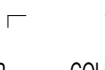
ABBREVIATIONS

ACI	AMERICAN CONCRETE INSTITUTE
ADOL	ADDITIONAL
ASCC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
ALT	ALTERNATE
ARCH	ARCHITECT
ASD	ALLOWABLE STRESS DESIGN
AWSS	AMERICAN WELDING SOCIETY
BOT	BOTTOM
BPF	BOTTOM OF FOOTING
BRG	BEARING
CIP	CAST-IN-PLACE
CL	CENTERLINE
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONT	CONTINUOUS
D&E	DRILL AND EPOXY
DIA	DIAMETER
DN	DIMENSION
DN	DOWN
DWG	DRAWING
DWLS	DOWELS
(E)	EXISTING
EA	EACH
EF	EACH FACE
EL	ELEVATION
EQ	EQUAL
EF	EACH FACE
EW	EACH WAY
(F)	FOOTING
FND	FOUNDATION
FLR	FLOOR
FT	FEET
FTG	FOOTING
GT	GIRDER TRUSS
HORIZ	HORIZONTAL
HSS	HOLLOW STRUCTURAL SECTION
IBC	INTERNATIONAL BUILDING CODE
IN	INCH
K	KIP
LIH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LRFD	LOAD RESISTANCE FACTOR DESIGN
LWC	LIGHT WEIGHT CONCRETE
MECH	MECHANICAL
MEP	MECHANICAL, ELECTRICAL, PLUMBING
MEZZ	MEZZANINE
(N)	NEW
NTS	NOT TO SCALE
NWC	NORMAL WEIGHT CONCRETE
OWJ	OPEN WEB JOIST
UNO	UNLESS NOTED OTHERWISE
PL	PLATE
PSF	POUNDS PER SQUARE FEET
PSI	POUNDS PER SQUARE INCH
PT	PRESSURE TREATED
REF	REFERENCE
REINF	REINFORCING
SIM	SIMILAR
SOG	SLAB-ON-GRADE
STL	STEEL
SW	SHEARWALL
T&B	TOP AND BOTTOM
TOC	TOP OF CONCRETE
TOS	TOP OF STEEL
TOF	TOP OF FOOTING
TOW	TOP OF WALL
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL
VIF	VERIFY IN FIELD
WI	WITH
WWF	WELDED WIRE FABRIC

DRAWING LIST

SHEET NUMBER	DRAWING NAME
S0.0	GENERAL NOTES
S0.1	GENERAL NOTES
S1.0	FRAMING PLAN
S1.1	FOUNDATION AND ROOF FRAMING PLAN
S2.0	CONCRETE DETAILS I
S3.0	WOOD DETAILS I

LEGEND

WOOD BEARING WALL		WALL TYPE
WOOD SHEAR WALL		WALL TYPE
CONCRETE WALL		
JOIST HANGER PER SCHEDULE		
HSS COLUMN		
WIDE FLANGE COLUMN		
WOOD COLUMN		
CONCRETE COLUMN		
SLAB STEP		



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MILNER MICROHOUSING

LOT 15 AND LOT 16, MAIN ST., STEAMBOAT SPRINGS, CO



STATUS

MARK	DATE	DESCRIPTION
	9/12/2023	PERMIT

PROJECT NUMBER 23-047
DATE 5/5/2023
DRAWN BY RRH
APPROVED BY RRH

GENERAL NOTES

S0.1



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MILNER MICROHOUSING

LOT 15 AND LOT 16, MAIN ST., STEAMBOAT SPRINGS, CO



STATUS

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12/2023	PERMIT

NUMBER 23-047

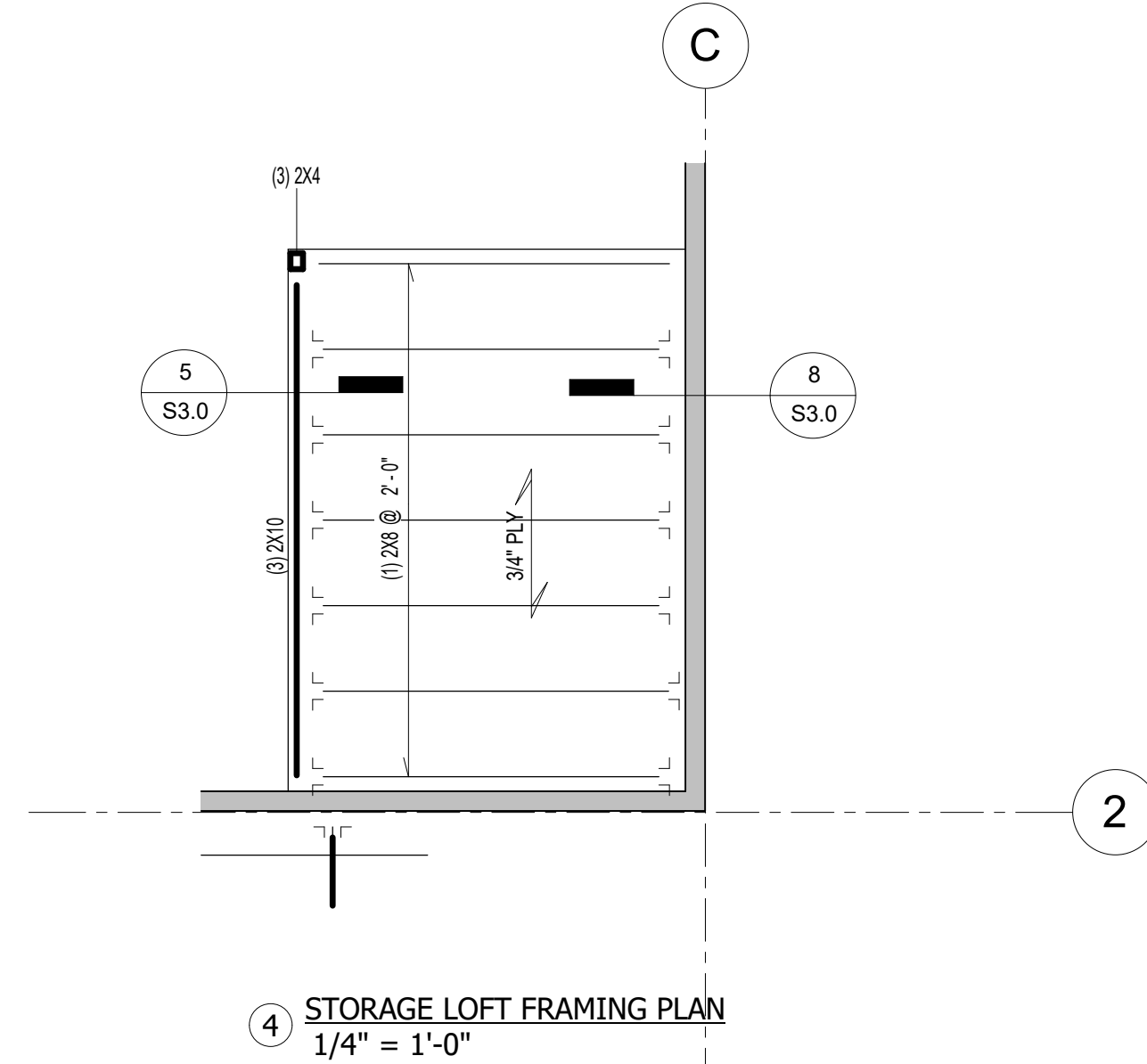
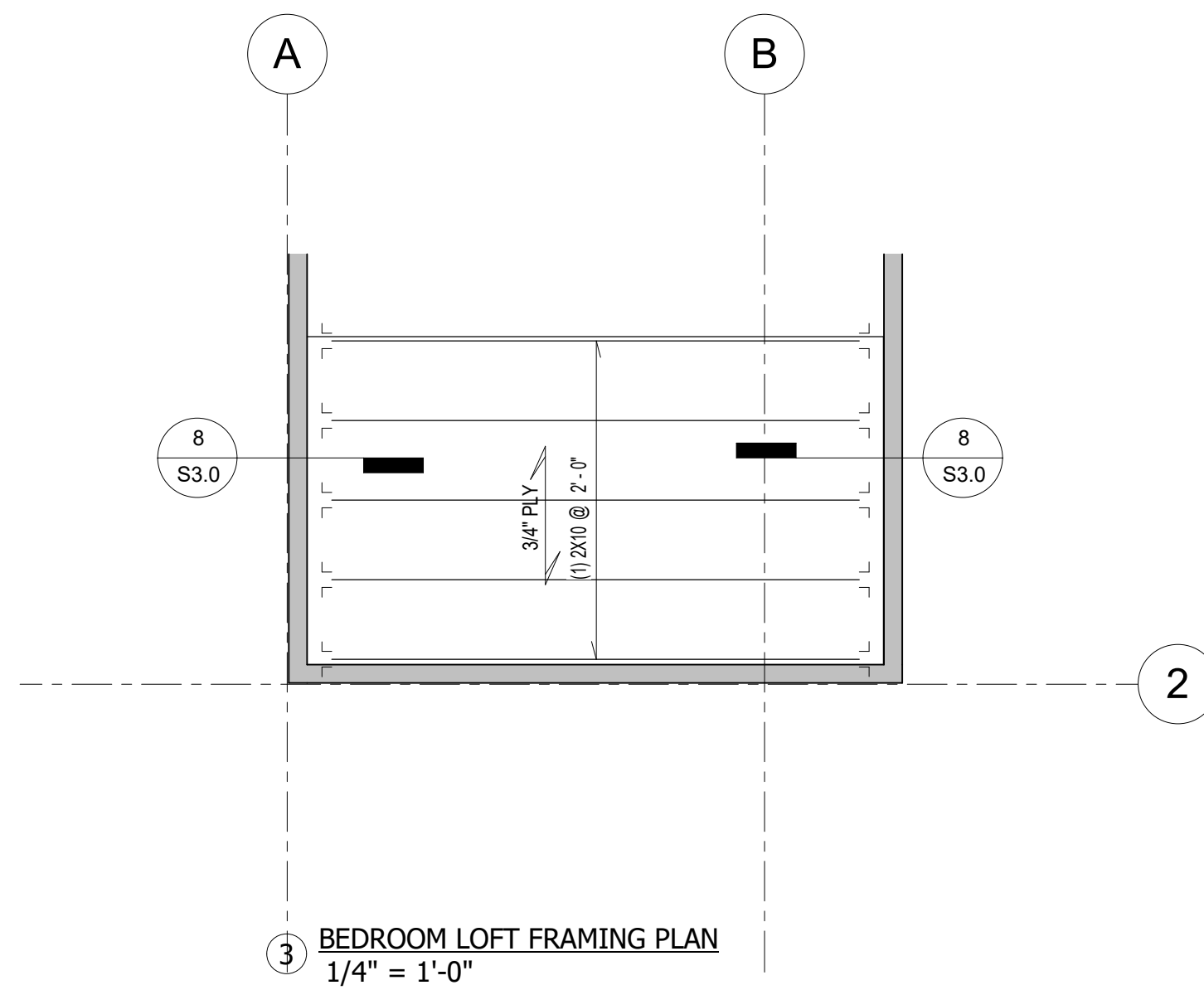
5/5/2023

BY RRH

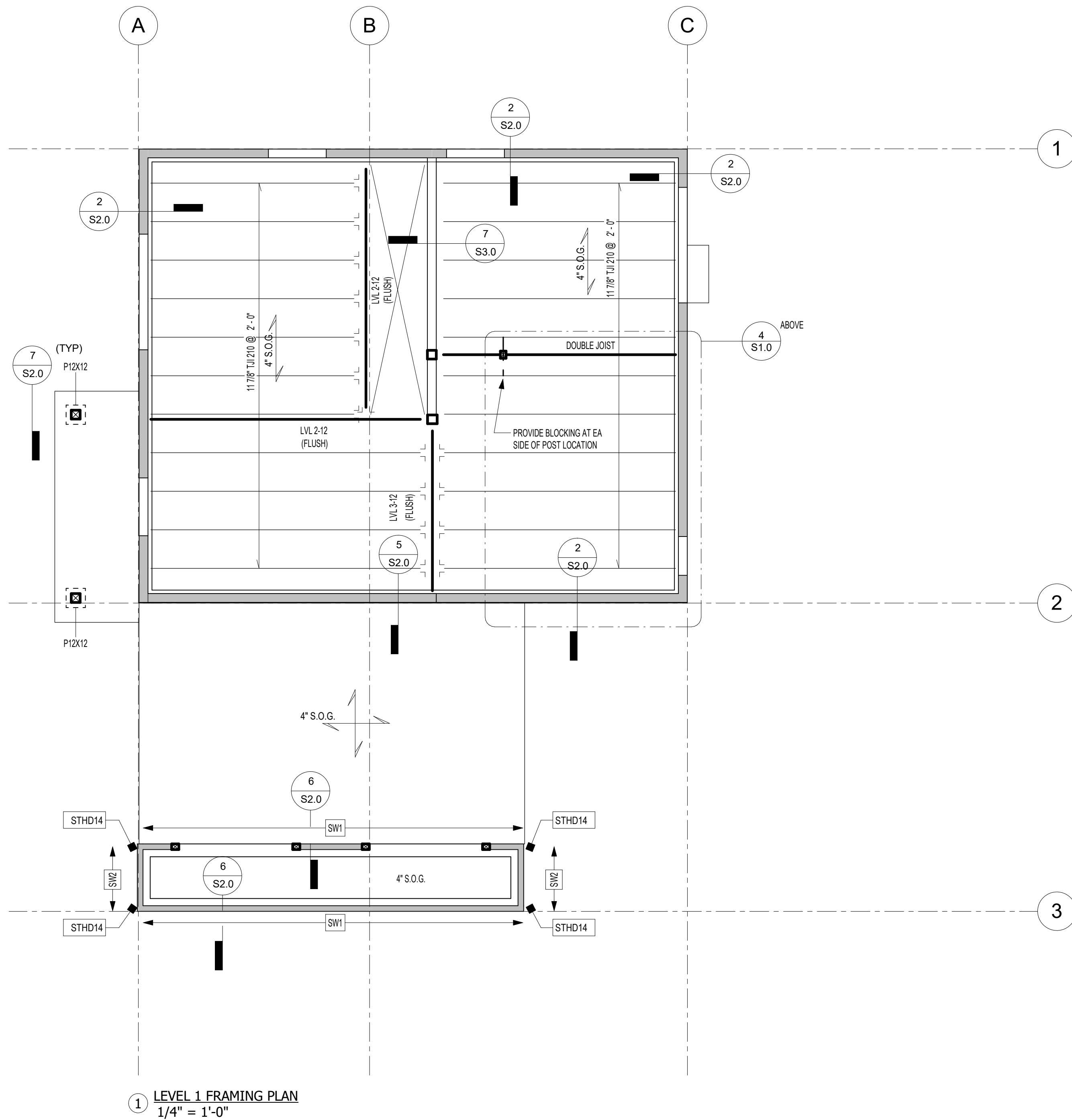
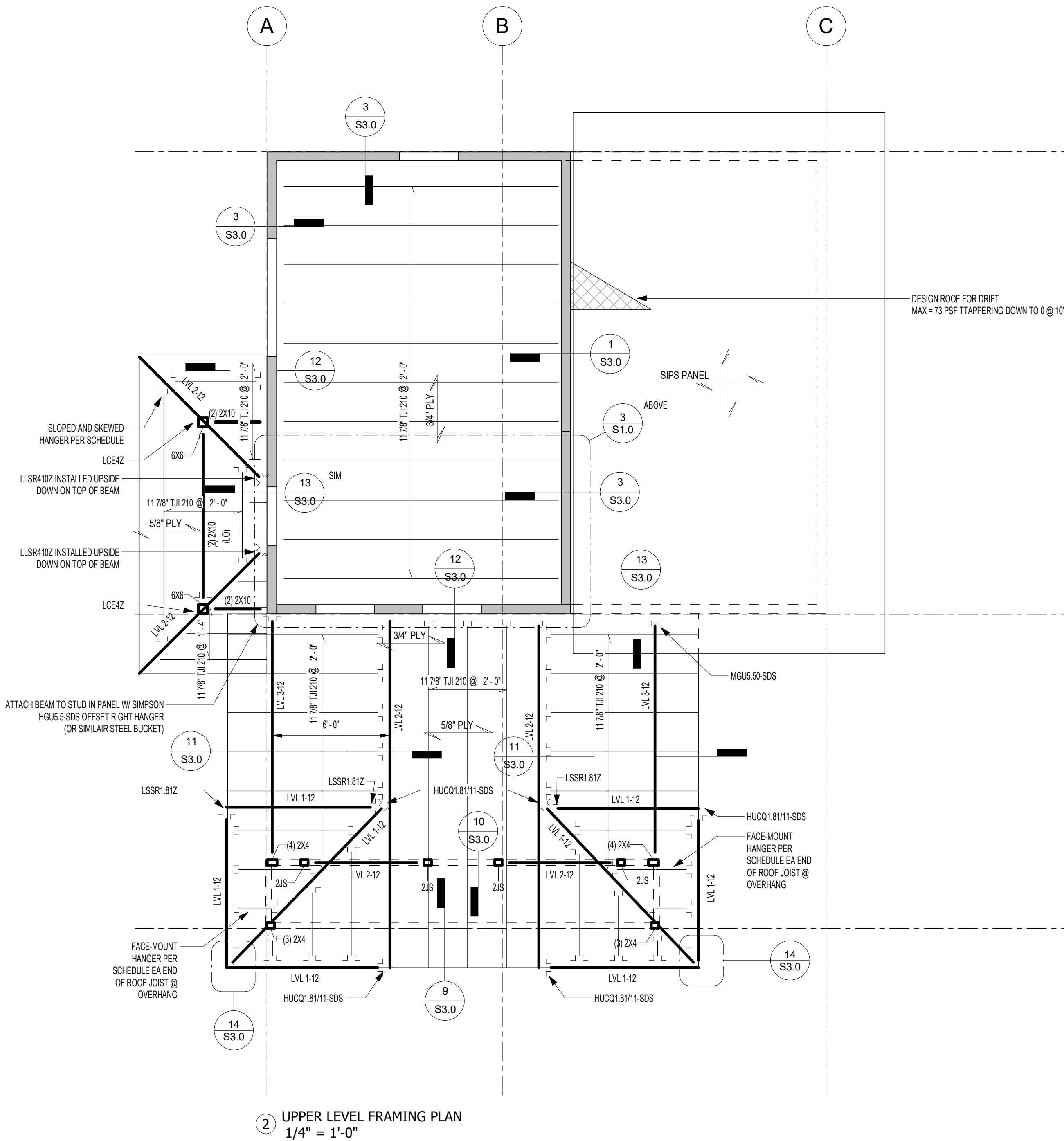
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FRAMING PLAN

S1.0



- PLAN NOTES:**
- SEE S0 SERIES FOR GENERAL NOTES.
 - SEE S2 SERIES FOR TYPICAL CONCRETE DETAILS.
 - SEE S3 SERIES FOR TYPICAL WOOD DETAILS.
 - ALL DIMENSIONS SHALL BE VERIFIED WITH ARCHITECT AND ARCHITECTURAL DRAWINGS.
 - FLOOR SHEATHING TO BE 3/4" T&G 48/24 APA RATED SHEATHING. NAIL PANEL EDGES 10" MAX COMMON @ 6" EDGE/12" FIELD.
 - PROVIDE H CLIPS AT ALL UNSUPPORTED PANEL EDGES.
 - PROVIDE 1/8" GAP BETWEEN PANELS AT INSTALLATION.
 - USE 1/8" INGA WALLS ON TOP PLATE SQUEEZE POINTS ON ALL EXTERIOR SHEAR WALLS. PROVIDE 4" O" MINIMUM SPLICE.
 - 1-1/4" TIMBERSTRAND RIM JOIST AROUND PERIMETER.
 - SILL PLATE TO BE NAILED TO RIM JOIST W/ 16d @ 4" O.C.
 - WOOD FLOOR BEAMS SHALL BE SUPPORTED WITH THE FOLLOWING MINIMUM POST SIZES UNO: 2x BEAMS=2' 2x4 POST OR 2x6 POST. TRIPLE 2x BEAMS=2' 2x4 POST OR 3x6 POST. TRIPLE 1/2x BEAMS=2' 2x4 POST OR 4x6 POST. GARGOIL TRUSSES - 3/8x26 OR 4/8x24 POST. ALL POSTS SHALL BE CONNECTED TO BEAMS WITH POST CAPS SUCH AS SIMPSON LSC OR BCPS. POST FRAMING SHALL MATCH STUD WALL DEPTH. ALL BEAMS SHOWN ON PLAN ARE TO BE FLUSH WITH FLOOR DECKING EXCEPT HEADERS OVER DOORS AND WINDOWS ONLY.
 - ONLY MAJOR OPENINGS ARE SHOWN ON STRUCTURAL PLANS. REFER TO ARCH AND MEP PLANS FOR OTHER OPENINGS. LOCATIONS SHOWN ON STRUCTURAL PLANS SHALL BE VERIFIED WITH ARCH DRAWINGS.
 - 5x12 GULUAM - INDICATES THE SIZE AND DEPTH OF GULUAM BEAM (FOR INSTANCE 5x12 GULUAM INDICATES 5"18" L2X GULUAM BEAM). ALL GULUAM BEAM WIDTH SHALL BE AS NOTED IN CALLOUT EXCEPT: 3x3-18" ACTUAL WIDTH, 5x5-18" ACTUAL WIDTH, 7x6-34" ACTUAL.
 - LV3-12L - INDICATES THE NUMBER AND DEPTH OF LV BEAM (FOR INSTANCE LV3-12 INDICATES 3 PLY 1x34" X 11"78"). ALL LV PLYS SHALL BE 1x34" THICK. LV DEPTH SHALL BE AS NOTED IN CALLOUT EXCEPT: 6x5-12" ACTUAL DEPTH, 6x5-14" ACTUAL DEPTH, 10x9-12" ACTUAL DEPTH, 12x11-18" ACTUAL DEPTH.
 - 5x12 GULUAM - INDICATES THE WIDTH AND DEPTH OF PARALLEL STRAND (PSL) POST (FOR INSTANCE 5x5 PSL INDICATES 5"14" X 5"14 PSL POST).
 - WOOD BEARING WALLS TO BE 2x8 @ 16" O.C. UNO.



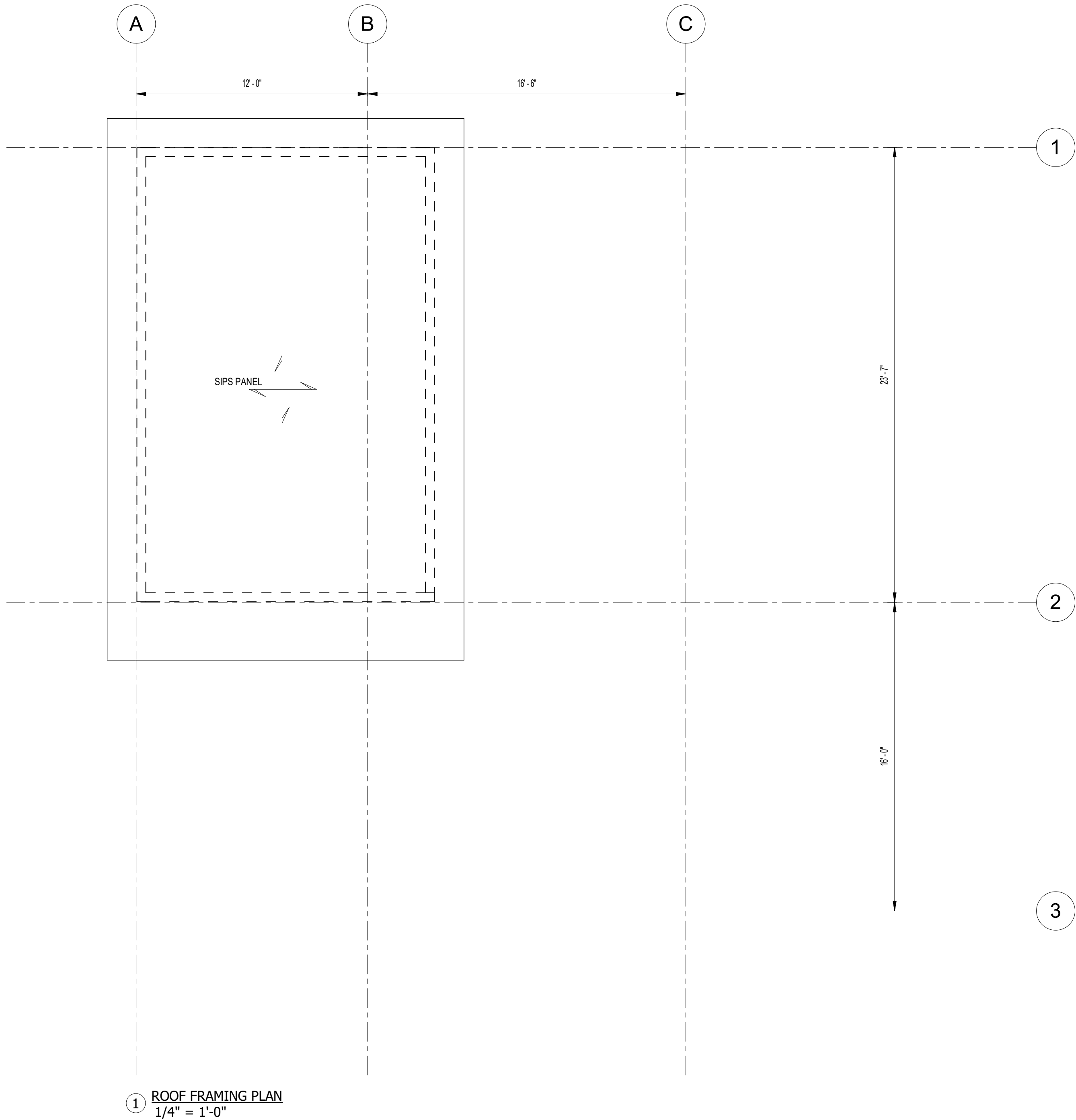
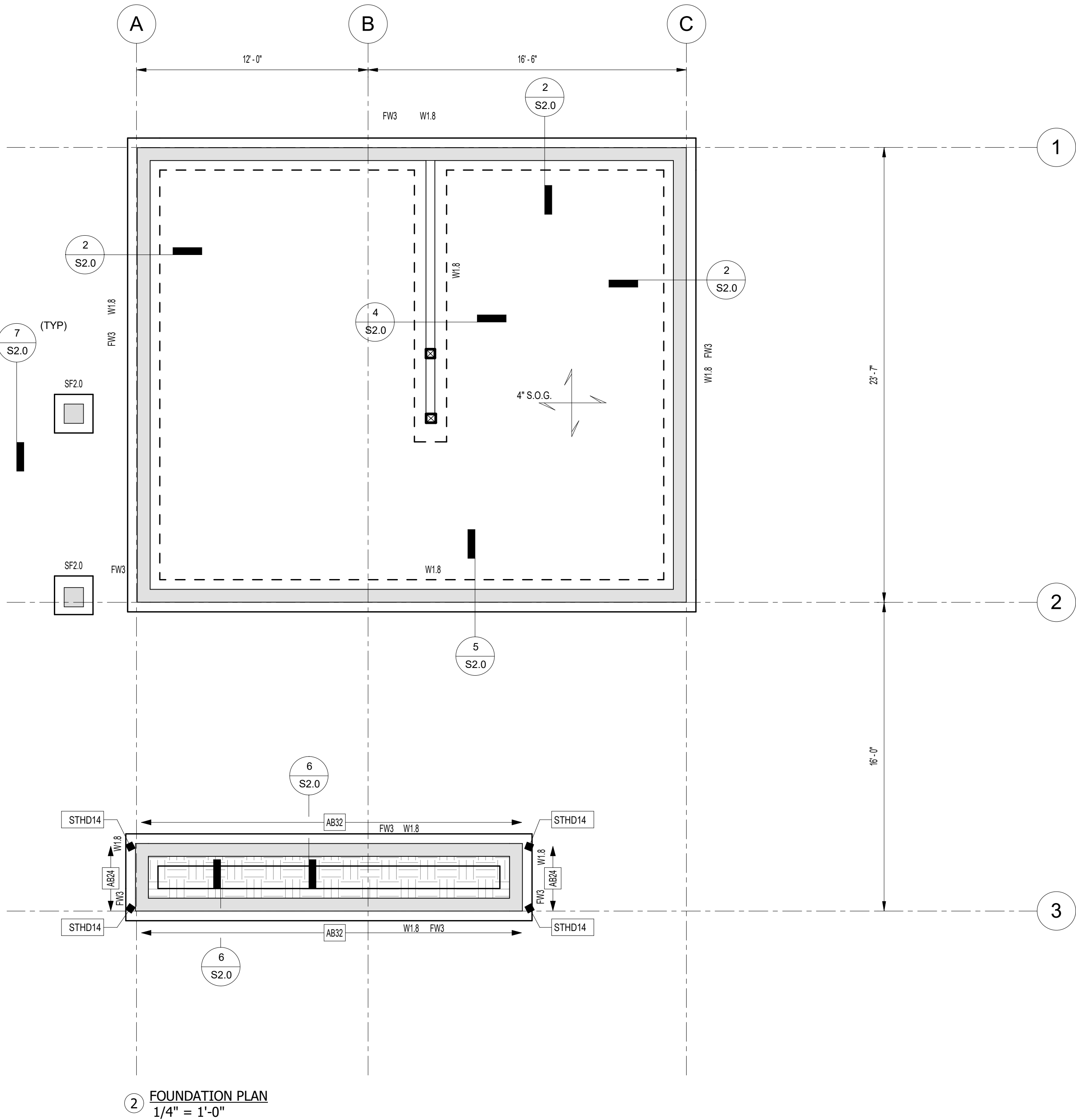
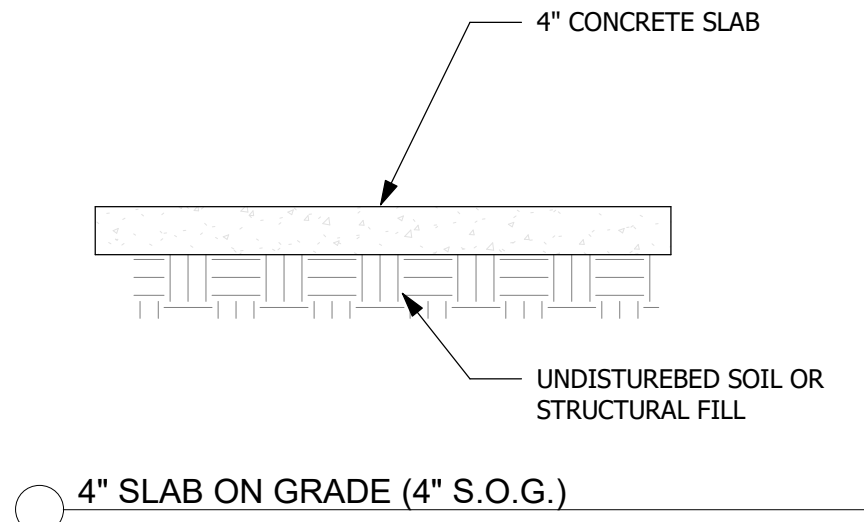
FOUNDATION WALL SCHEDULE					
NAME	MAX HEIGHT	WALL THICKNESS	VERTICAL REINFORCING	HORIZONTAL REINFORCING	COMMENTS
FW3	3' - 0"	8"	#4 @ 18" O.C.	#4 @ 18" O.C.	

WALL FOOTING SCHEDULE					
TYPE	WIDTH (FW)	THICKNESS (FT)	LONG REINFORCEMENT (LR)	SHORT REINFORCEMENT (SR)	COMMENTS
W1.8	1'-8"	0'-10"	(2) #4	#4 @ 18" O.C.	

SPOT FOOTING SCHEDULE						
TYPE	DIMENSIONS		WIDTH	REINFORCEMENT OPTIONS		REINFORCEMENT LOCATION
	THICKNESS	LENGTH		#4 EW	#5 EW	
SF2.0	10"	2'-0"	2'-0"	(3) #4	(3) #5	BOT

PLAN NOTES:

- SEE S0 SERIES FOR GENERAL NOTES.
- SEE S2 SERIES FOR TYPICAL CONCRETE DETAILS.
- SEE S3 SERIES FOR TYPICAL WOOD DETAILS.
- ALL DIMENSIONS SHALL BE VERIFIED WITH ARCHITECT AND ARCHITECTURAL DRAWINGS.
- SF2.0 - INDICATES SPREAD FOOTING TYPE. SEE SCHEDULE FOR SIZE AND REINFORCING. ALL FOOTINGS EXPOSED TO FREEZE/THAW SHALL BEAR A MINIMUM OF 2'-6" BELOW GRADE OR MORE DEPENDING ON LOCAL JURISDICTION.
- W2.0 - INDICATES STRIP FOOTING TYPE. SEE SCHEDULE FOR SIZE AND REINFORCING. ALL FOOTINGS EXPOSED TO FREEZE/THAW SHALL BEAR A MINIMUM OF 2'-6" BELOW GRADE OR MORE DEPENDING ON LOCAL JURISDICTION.
- S-12 - INDICATES SONOTUBE FOOTING SIZE. SEE SCHEDULE FOR SIZE AND REINFORCING. ALL FOOTINGS EXPOSED TO FREEZE/THAW SHALL BEAR A MINIMUM OF 2'-6" BELOW GRADE OR MORE DEPENDING ON LOCAL JURISDICTION.
- BF20 - INDICATES 'BIG FOOT' FOOTING SIZE. SEE 'POST ON BIG FOOT' DETAIL IF APPLICABLE. ALL FOOTINGS EXPOSED TO FREEZE/THAW SHALL BEAR A MINIMUM OF 2'-6" BELOW GRADE OR MORE DEPENDING ON LOCAL JURISDICTION.
- AB32 - INDICATES ANCHOR BOLT SPACING. SEE SHEAR WALL SCHEDULE FOR ALTERNATIVE 6" SPACING. ANCHORS BOLTS TO BE 1/2" AND SPACED AT 32" O.C. UNO. AB24= 24" O.C. SPACING. AB16=16" O.C. SPACING.
- FW8 - INDICATES FOUNDATION WALL TYPE. SEE FOUNDATION WALL SCHEDULE. MAX HEIGHT GIVEN IS FLOOR TO FLOOR HEIGHT.



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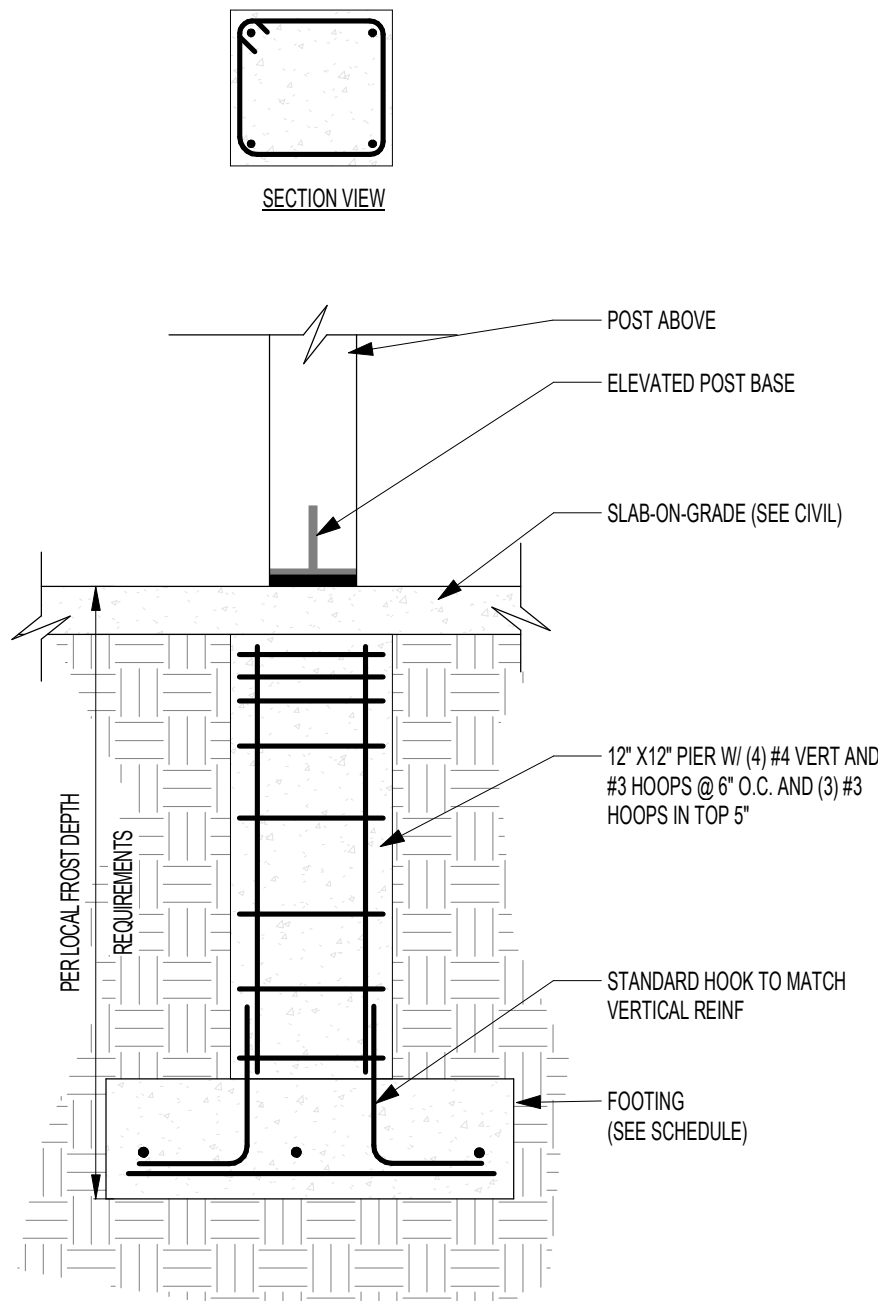
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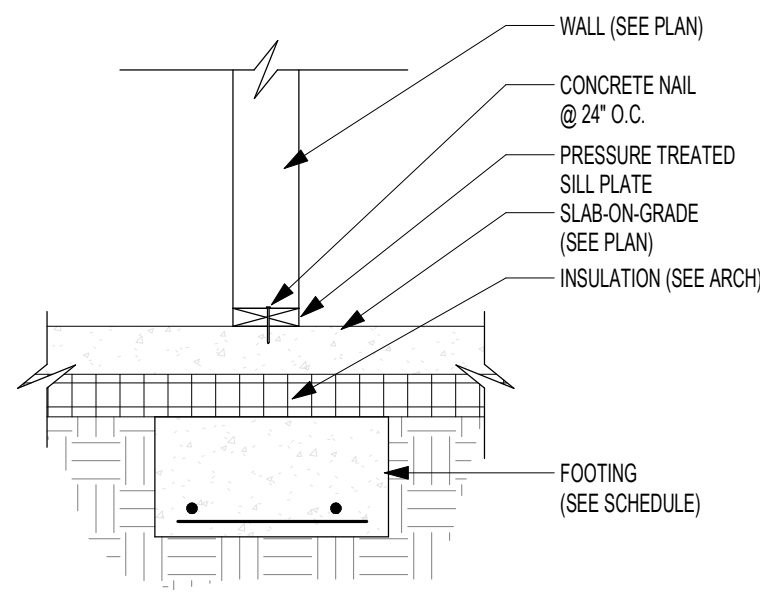
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FOUNDATION AND
ROOF
FRAMINGPLAN

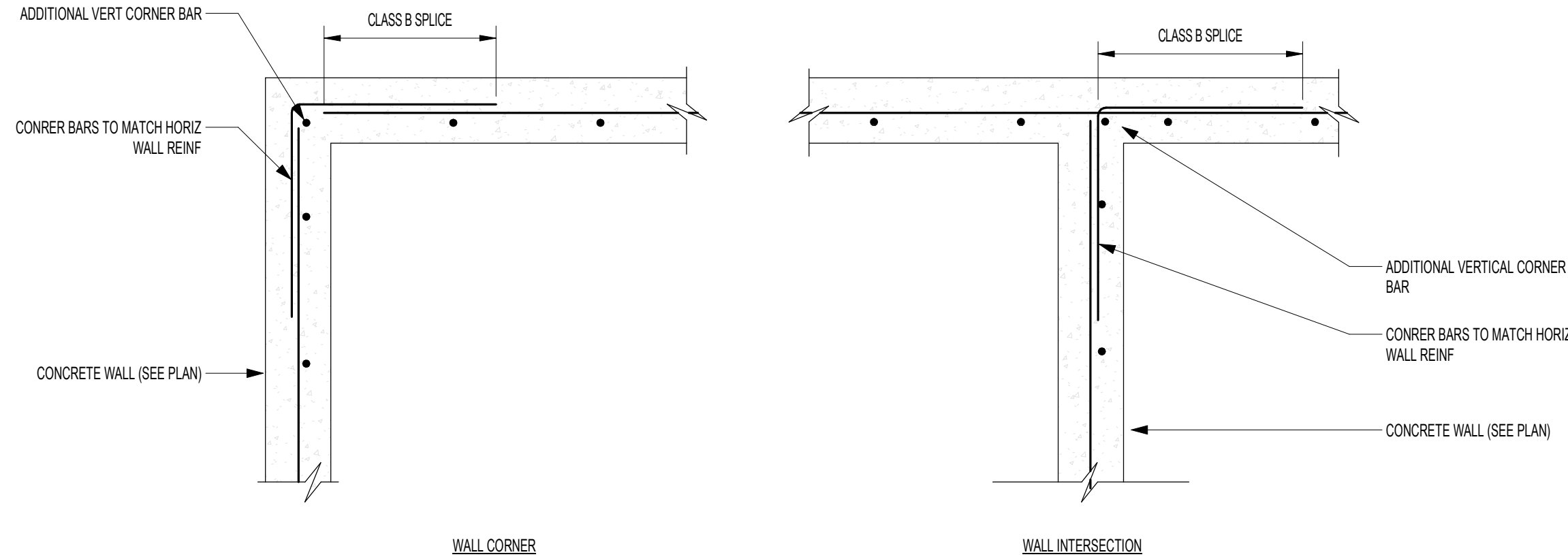
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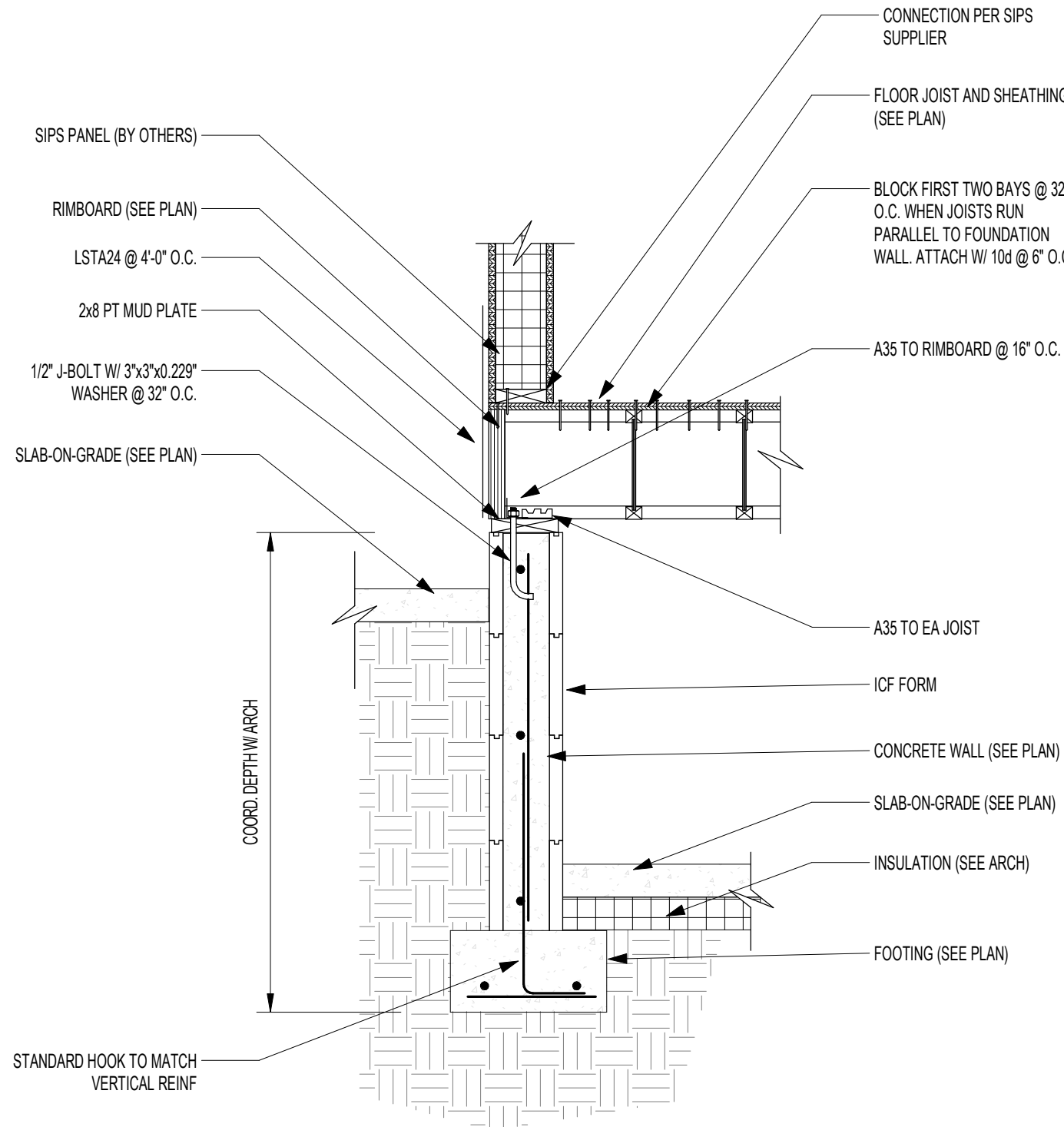
7 PIER ON SPOT FOOTING



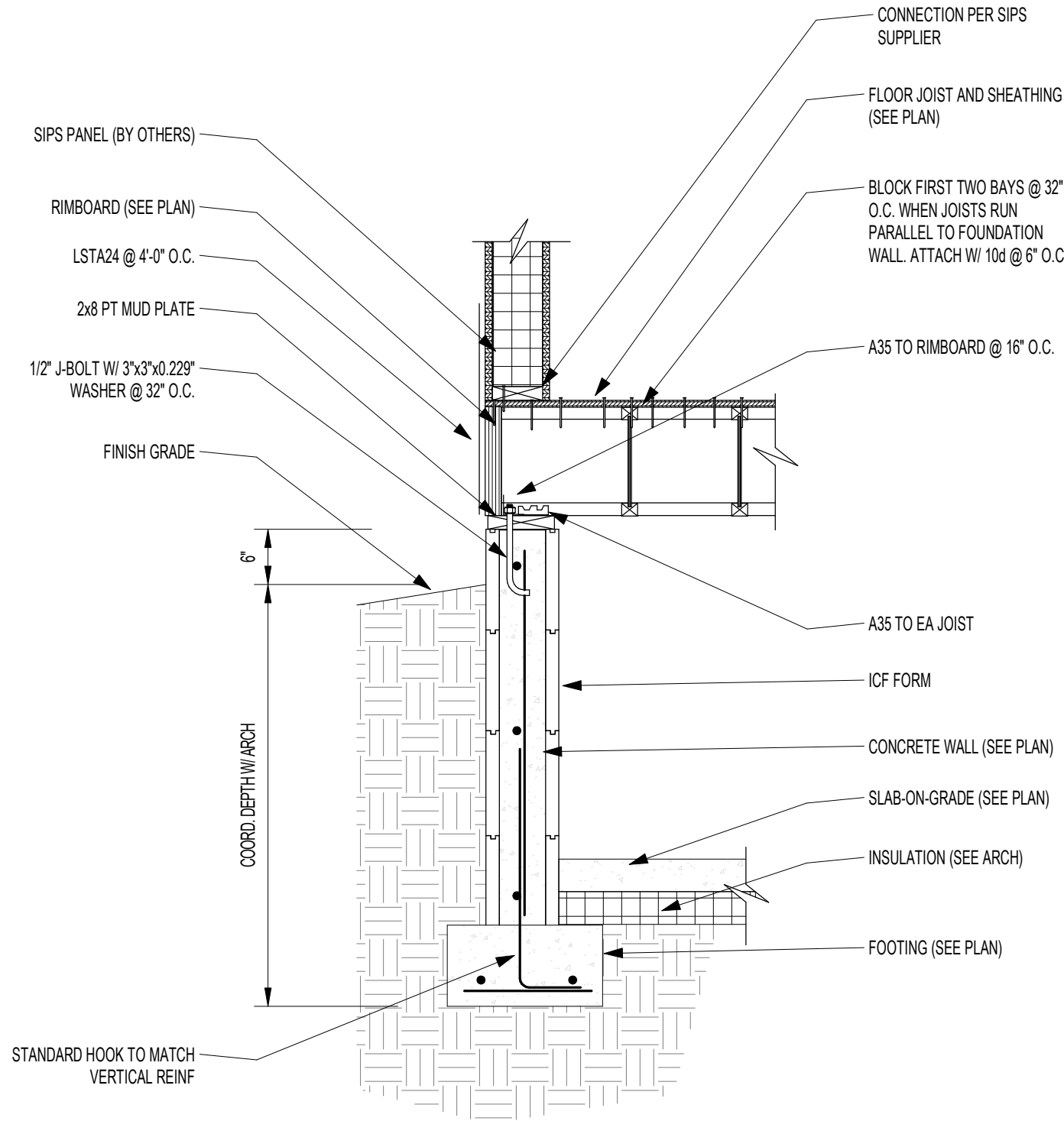
4 INTERIOR STRIP FOOTING



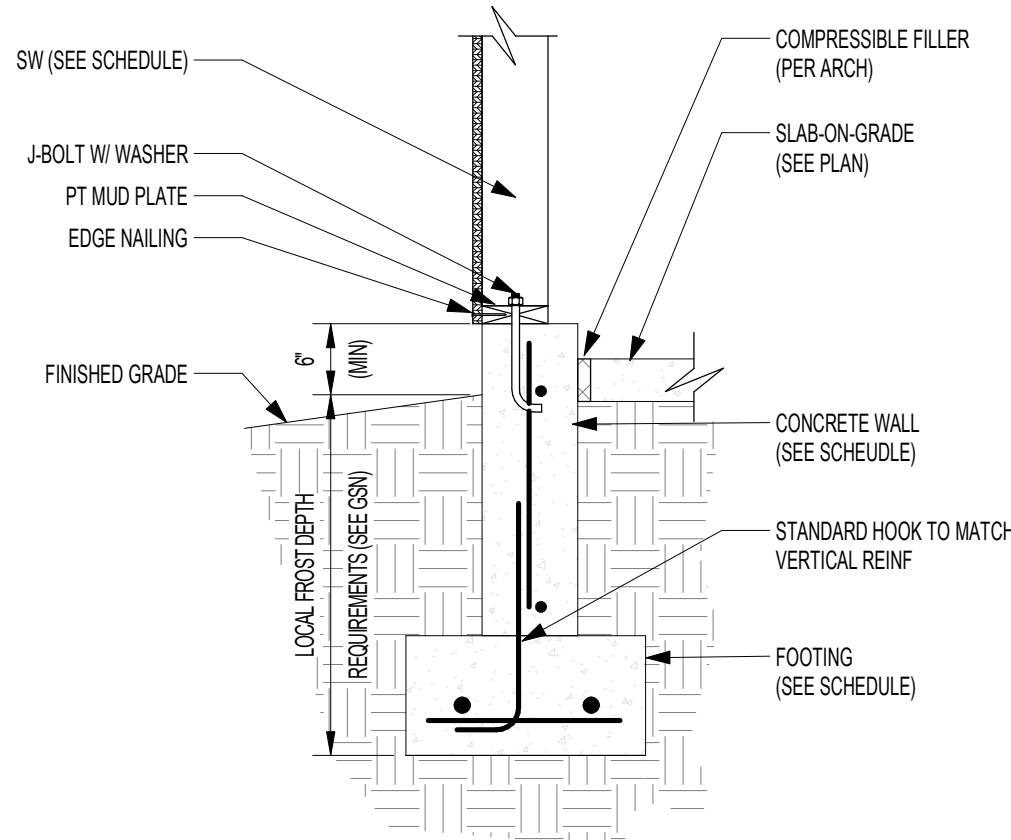
1 TYPICAL FOUNDATION INTERSECTION



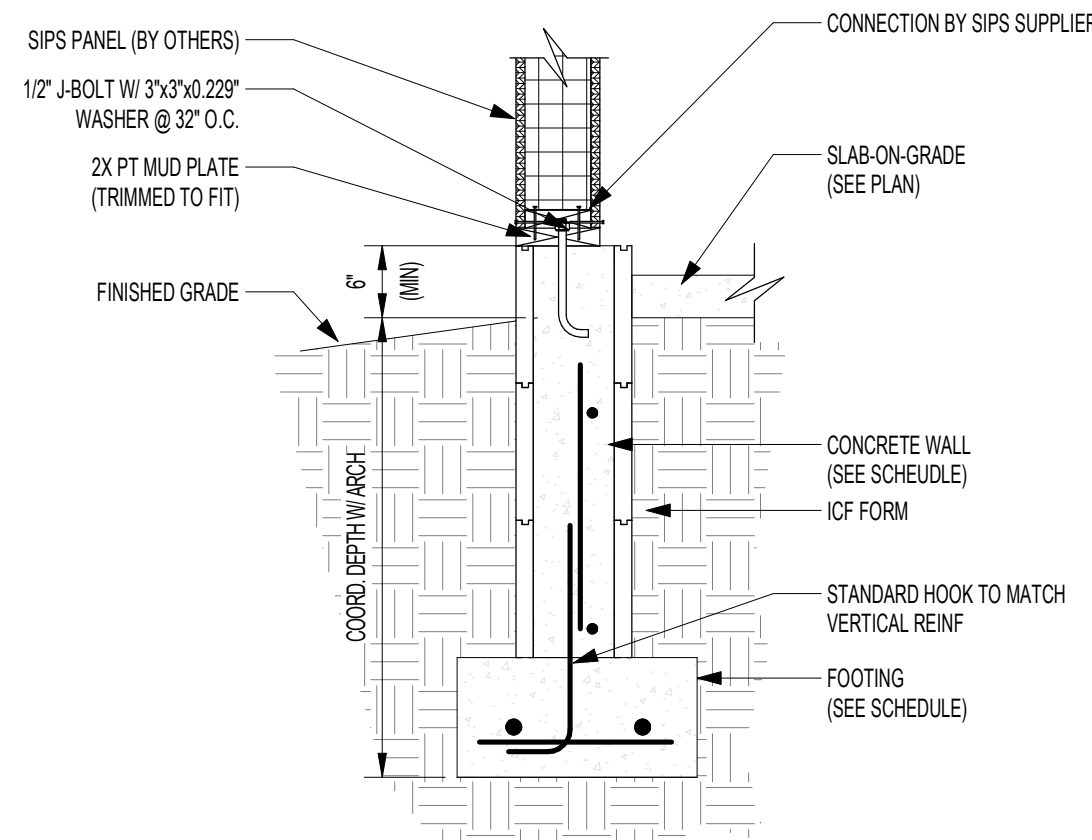
5 FOUNDATION SECTION AT GARAGE STEP



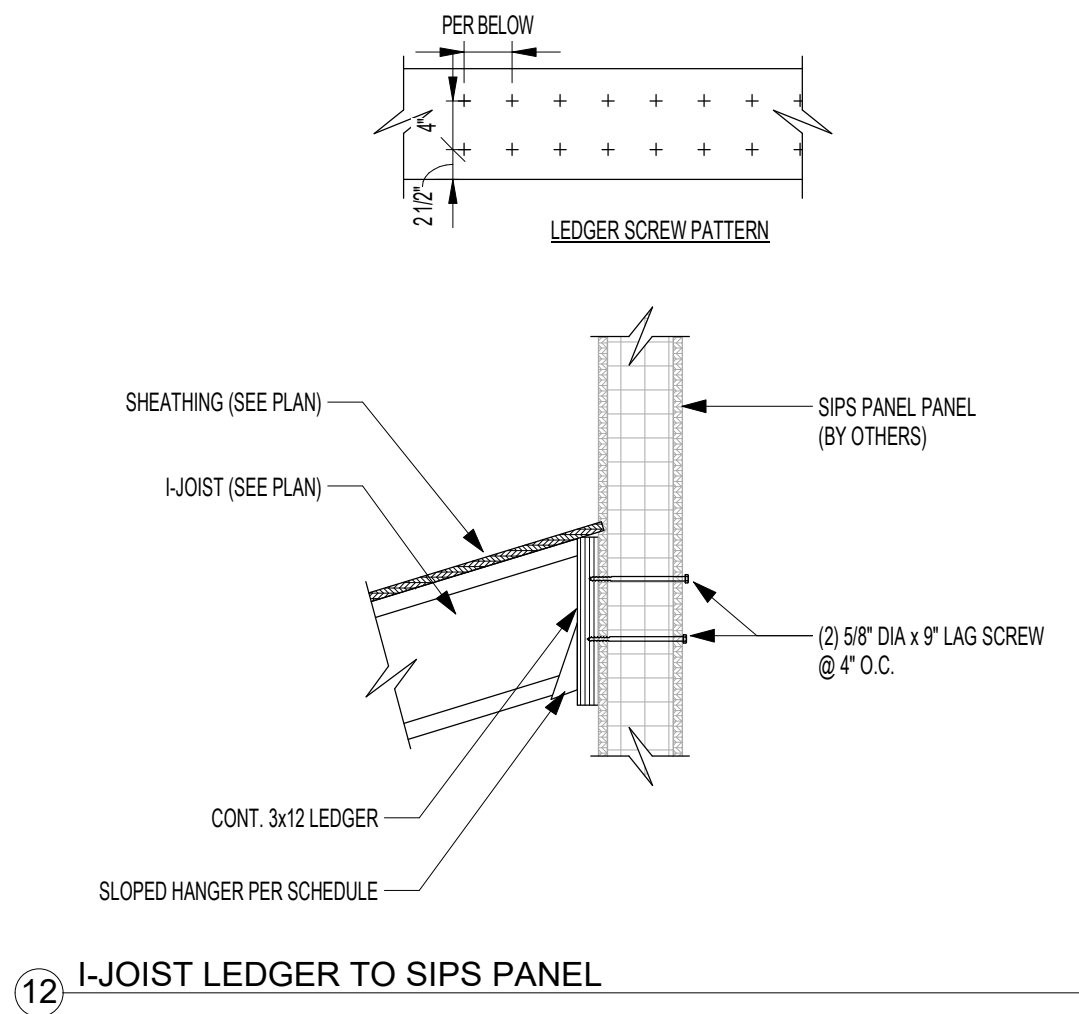
2 FOUNDATION WALL SECTION



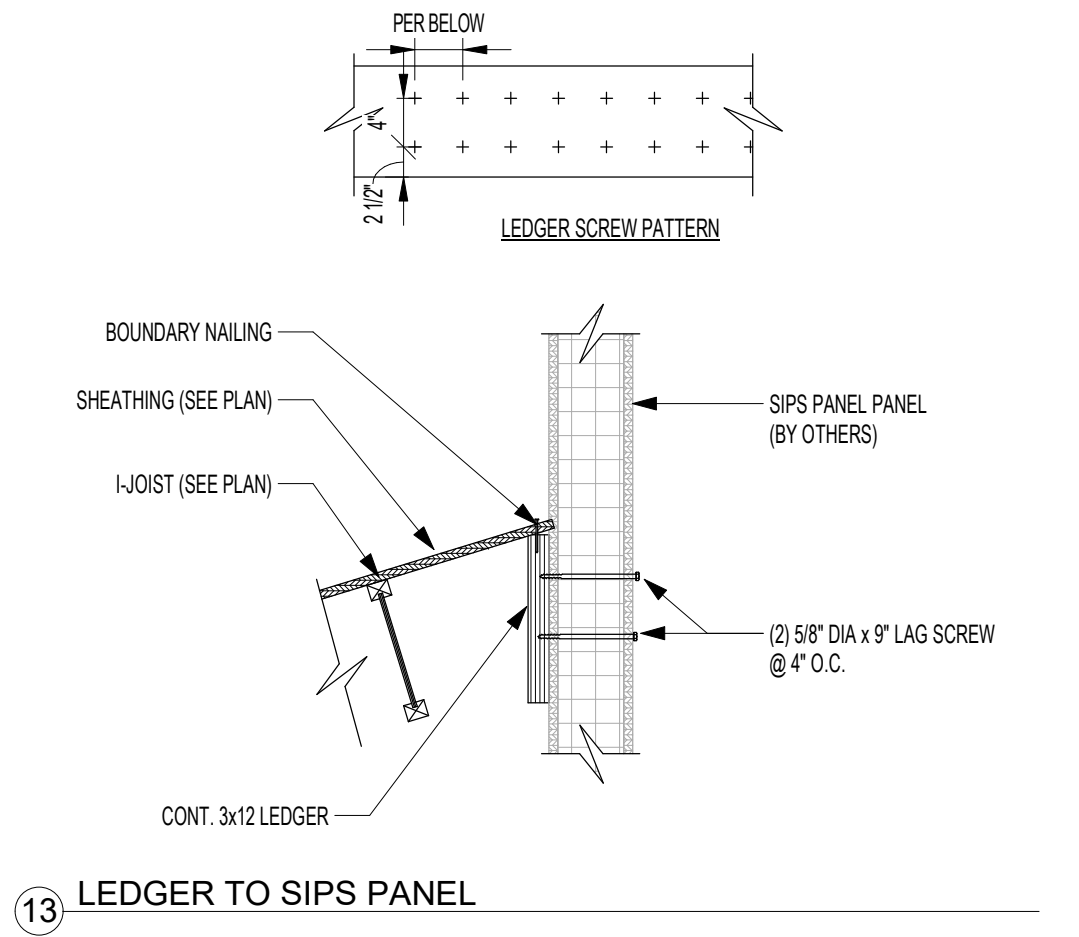
6 GARAGE FOUNDATION WALL



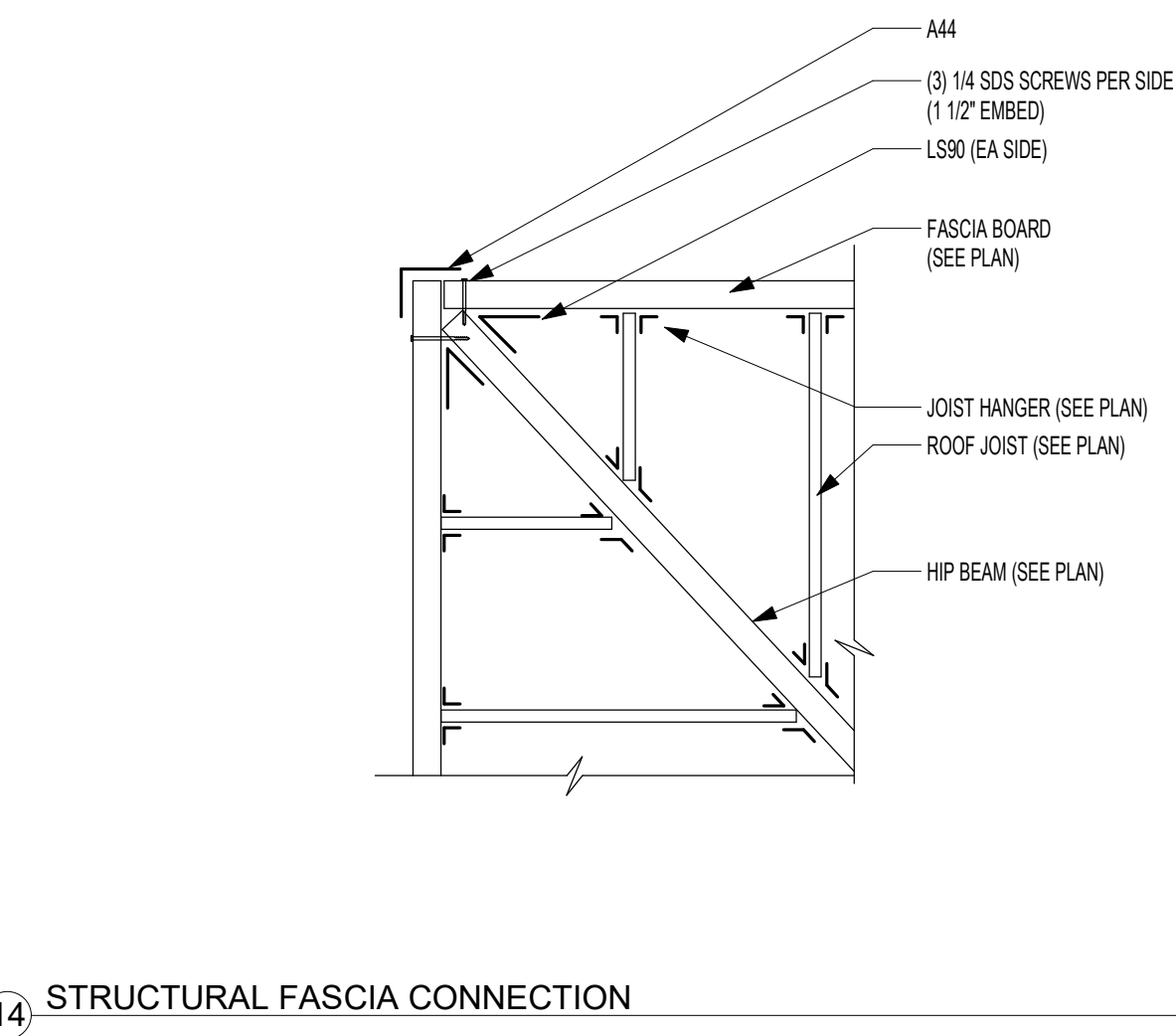
3 FOUNDATION SECTION AT GARAGE



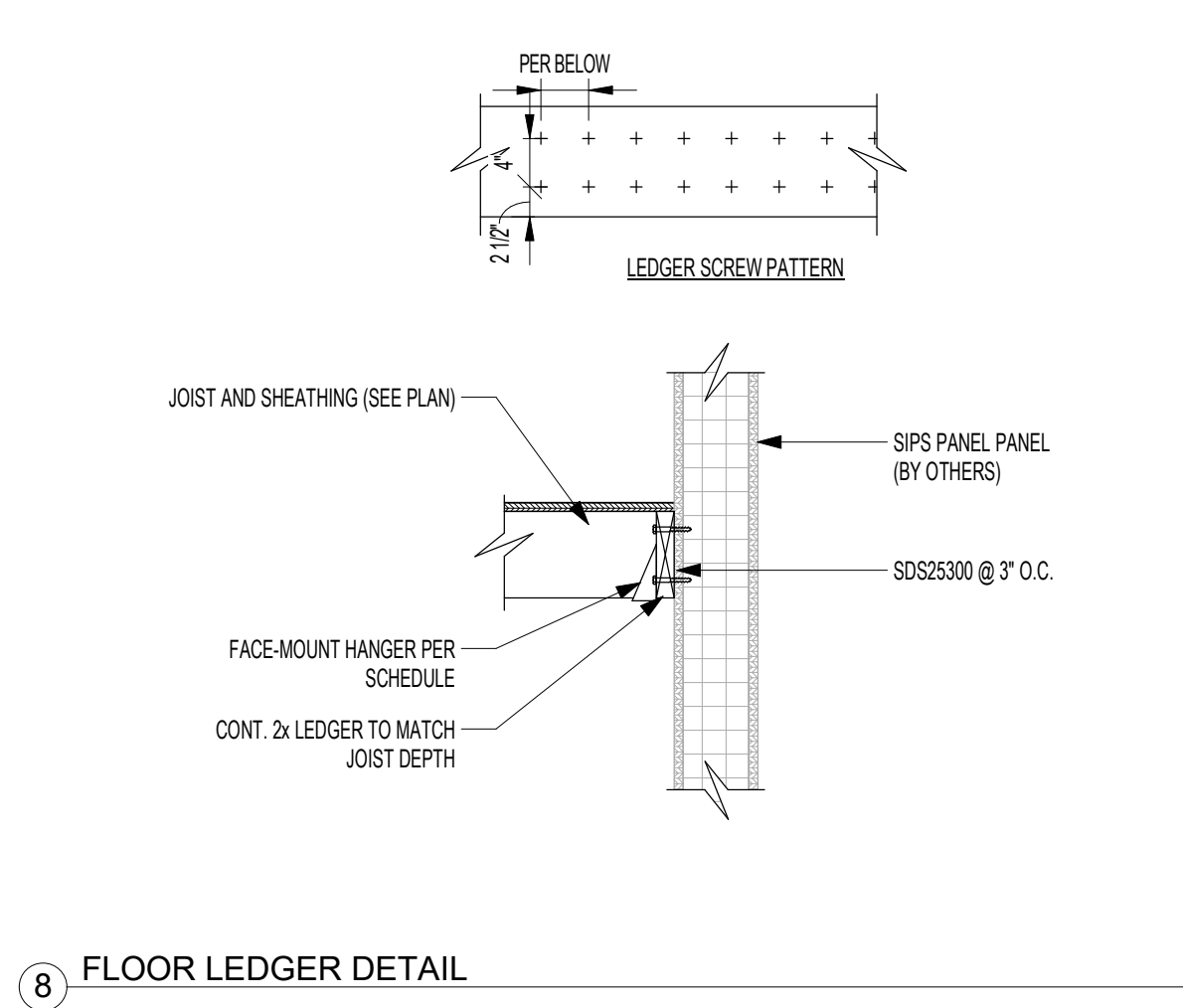
12 I-JOIST LEDGER TO SIPS PANEL



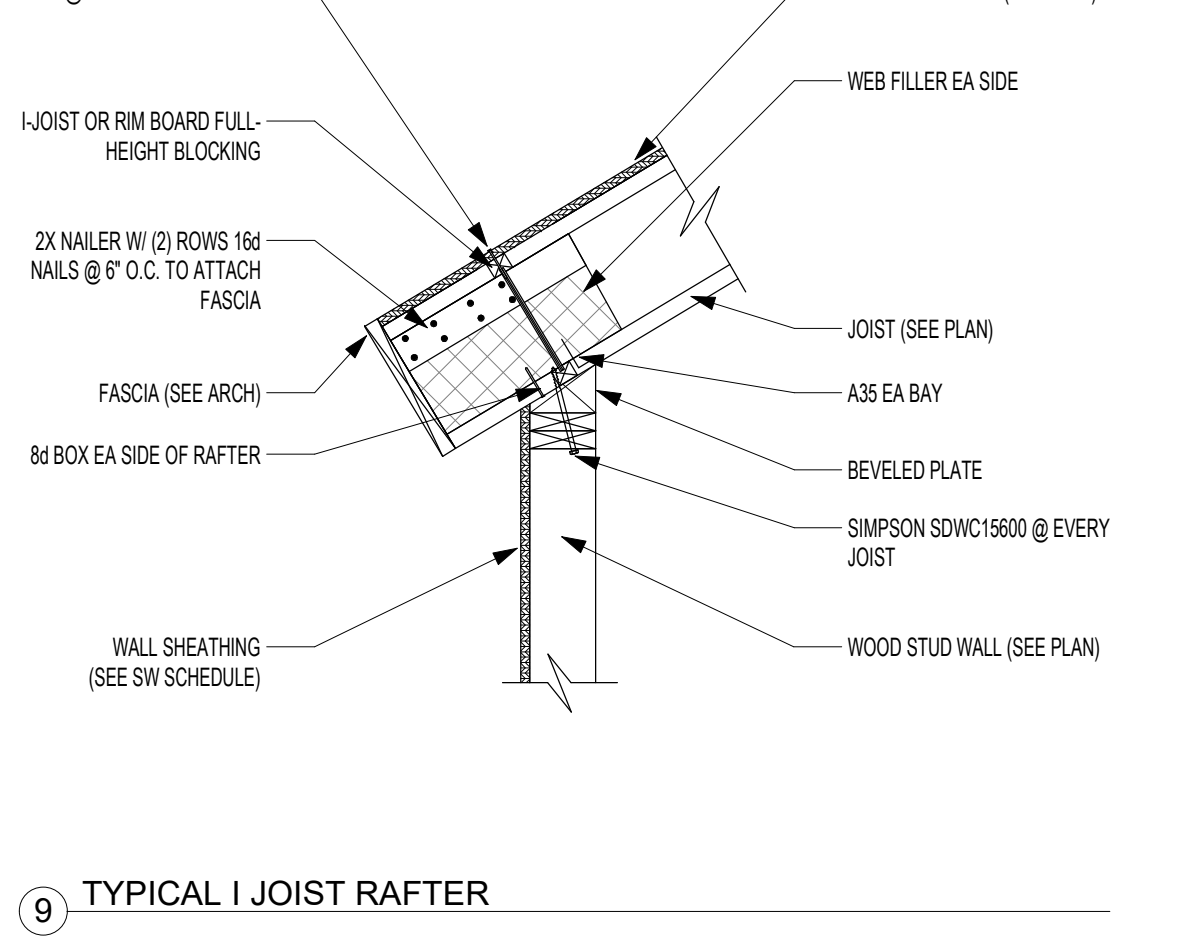
13 LEDGER TO SIPS PANEL



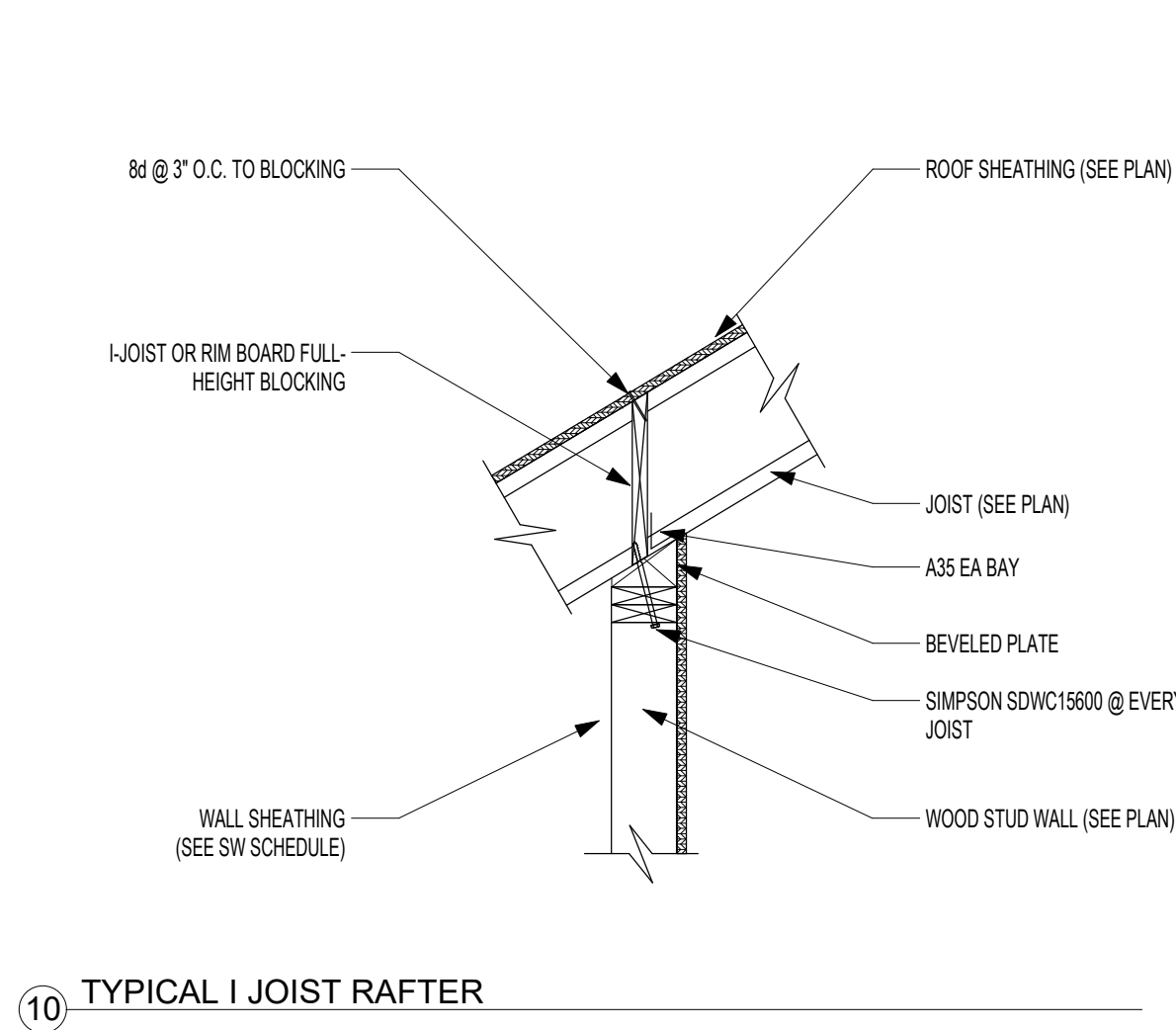
14 STRUCTURAL FASCIA CONNECTION



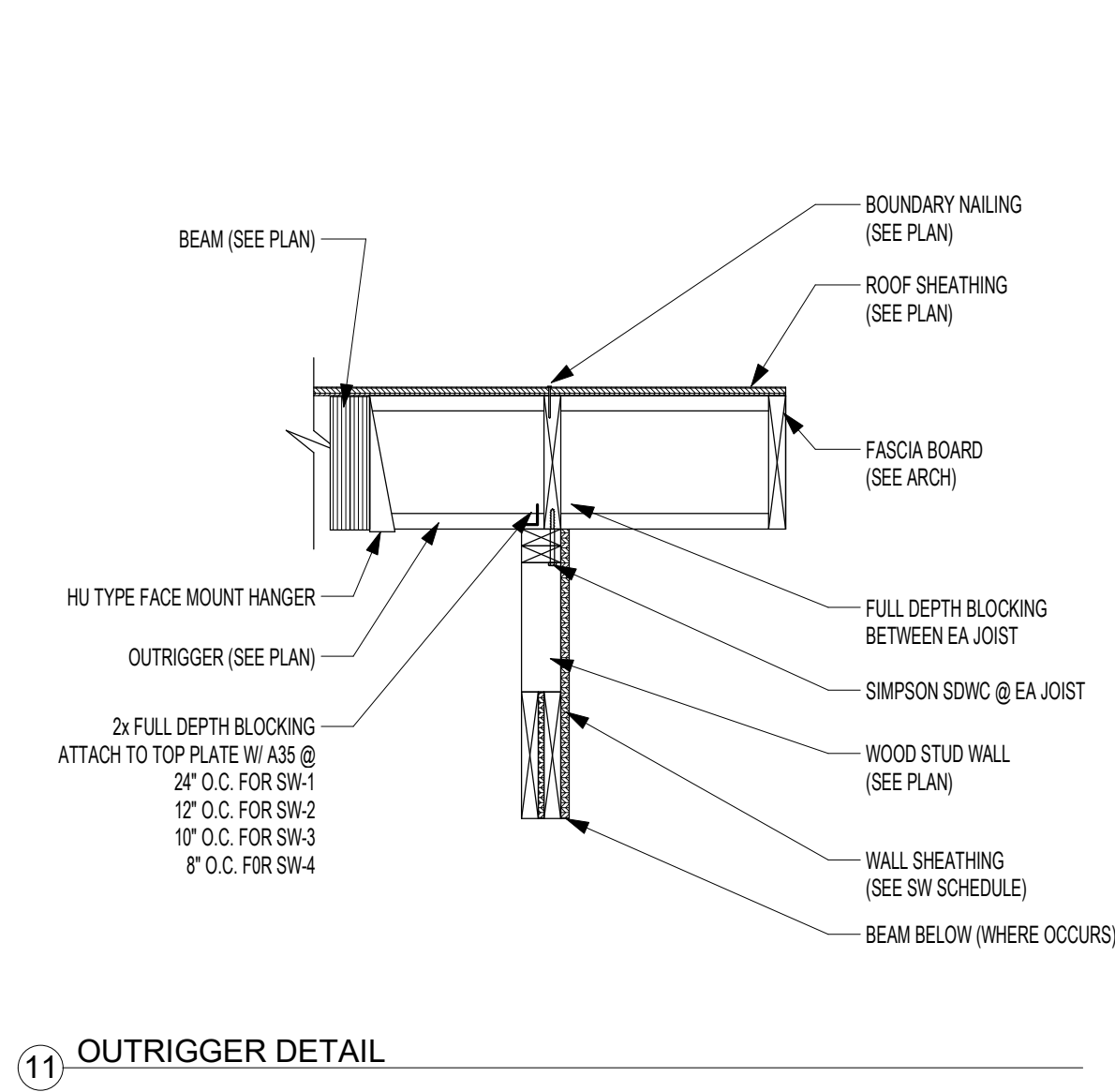
8 FLOOR LEDGER DETAIL



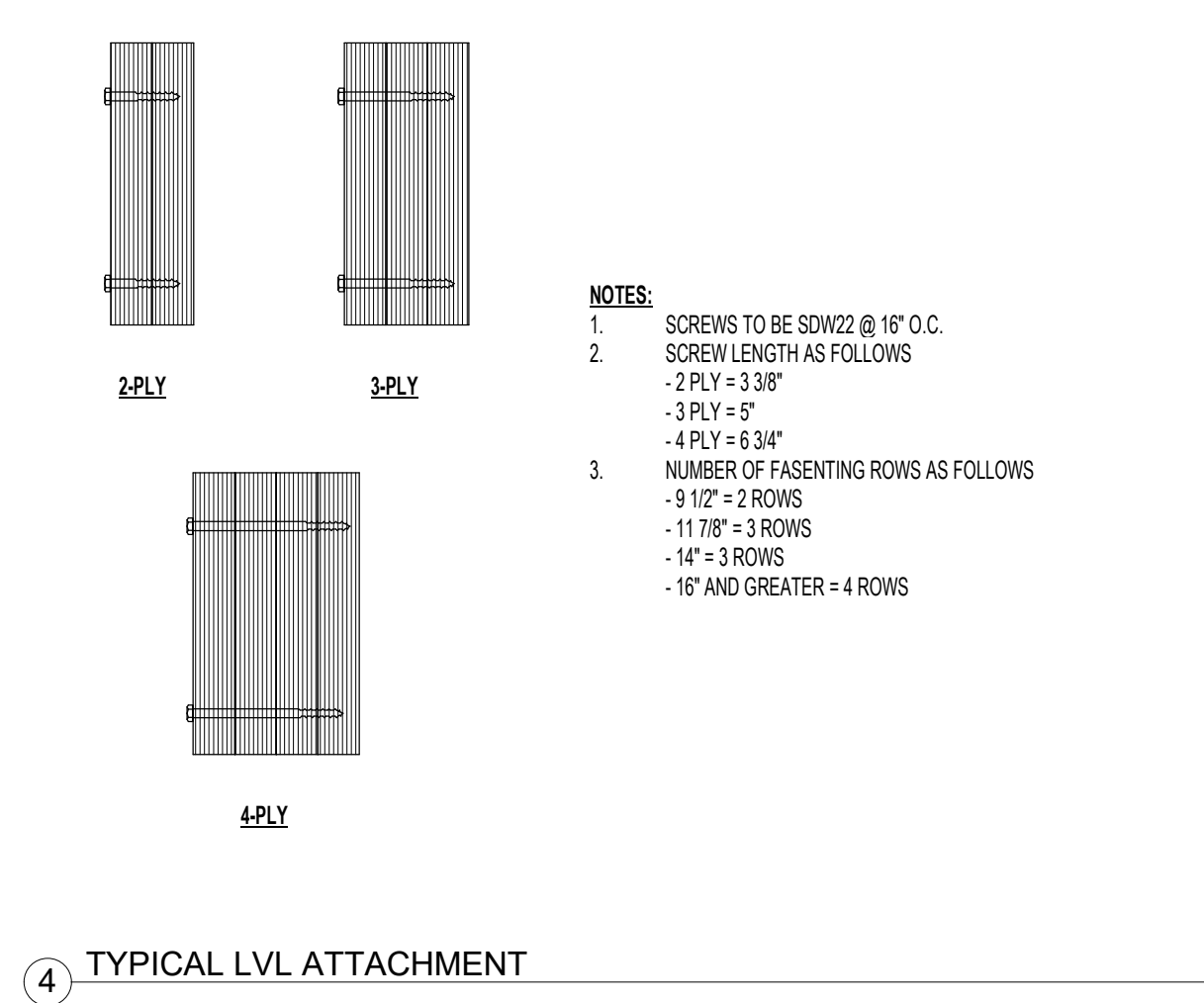
9 TYPICAL I JOIST RAFTER



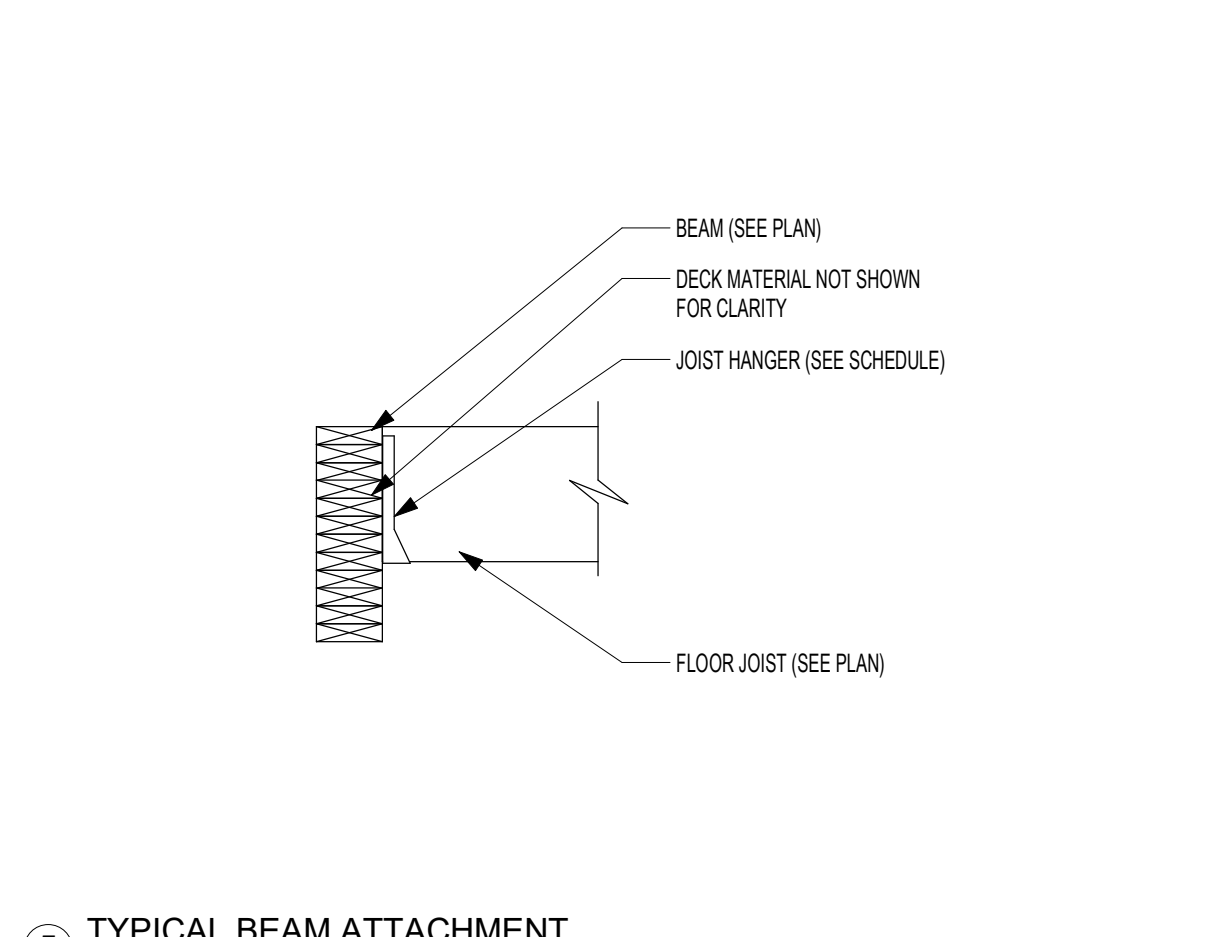
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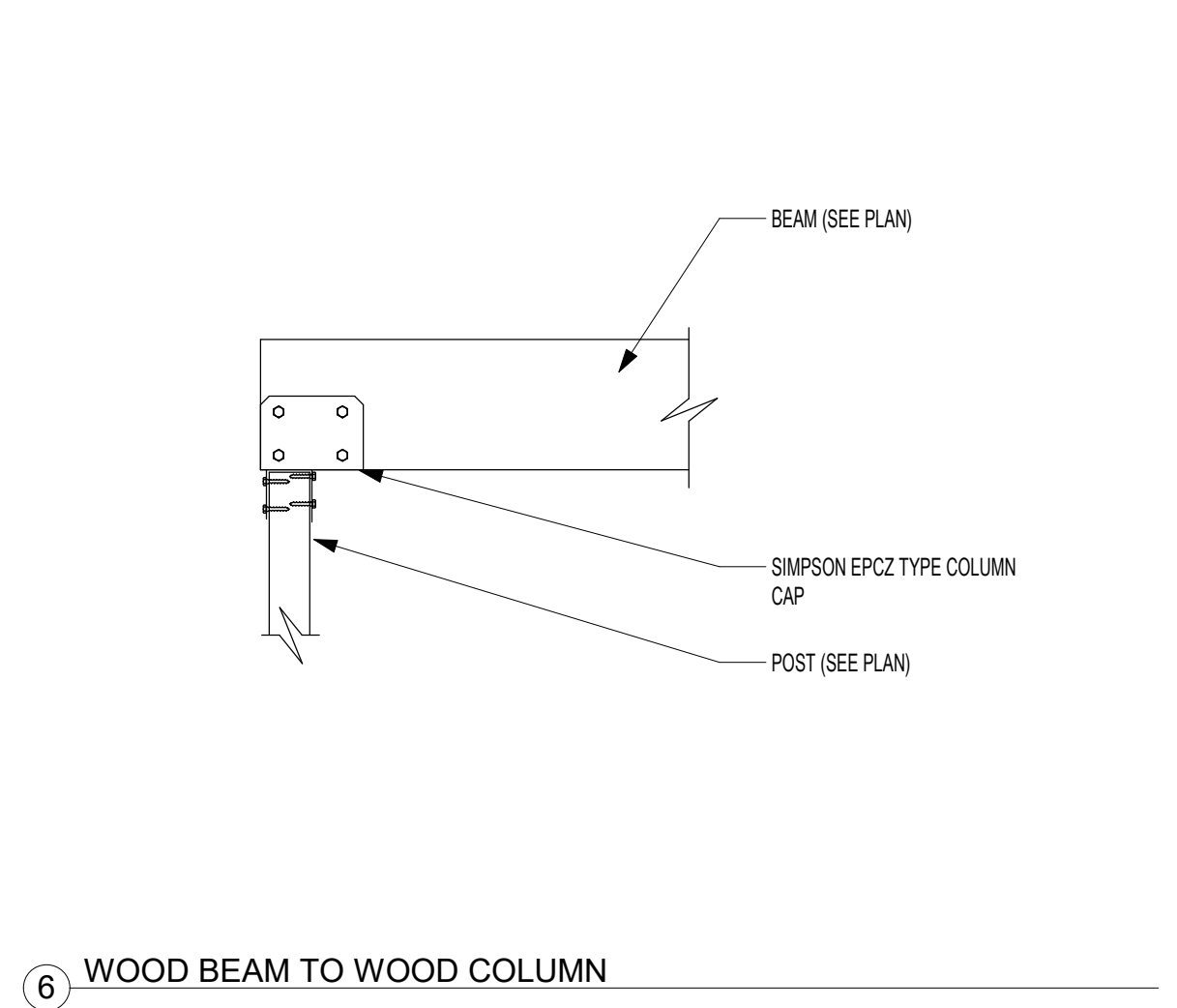
11 OUTRIGGER DETAIL



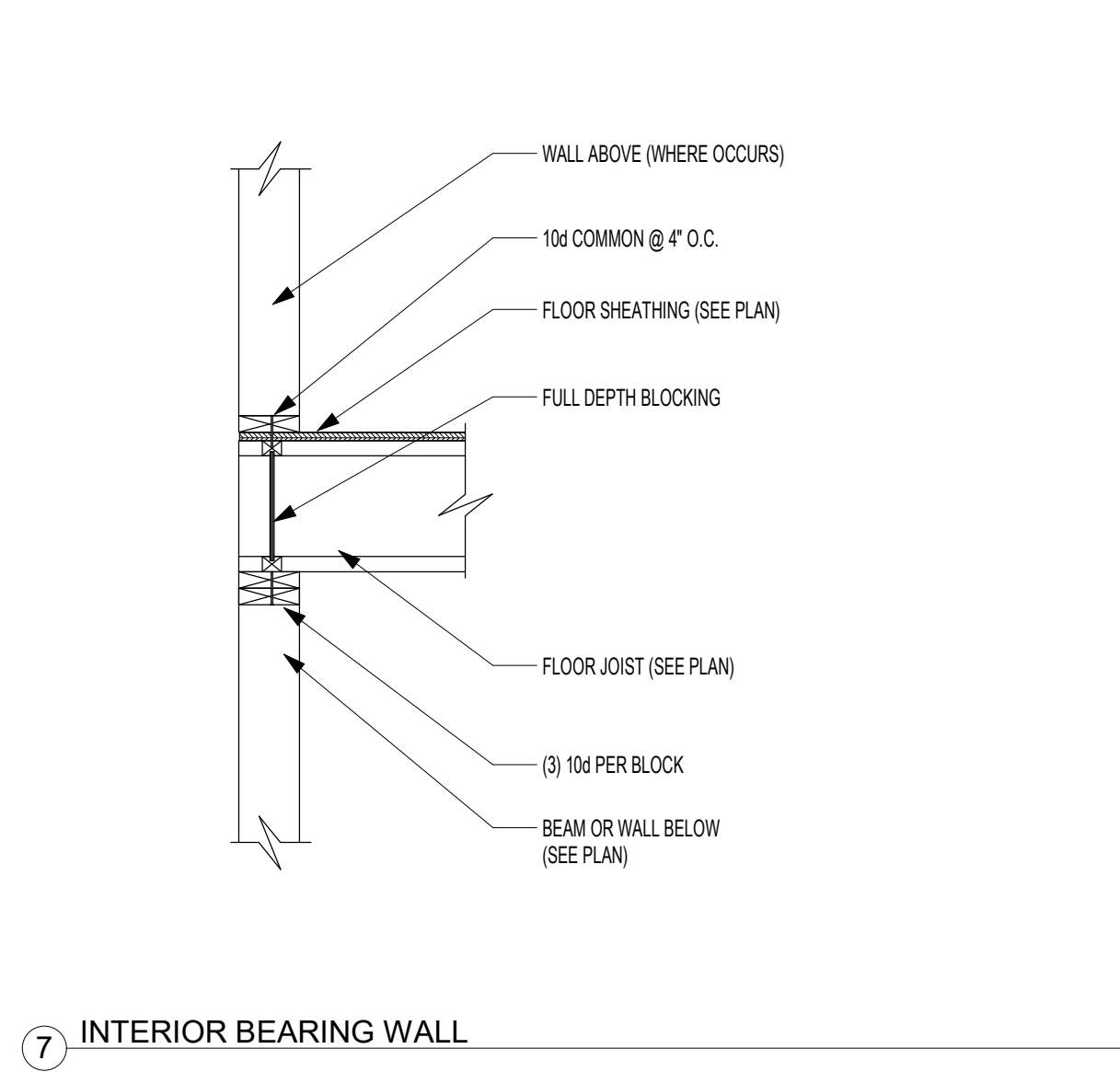
4 TYPICAL LVL ATTACHMENT



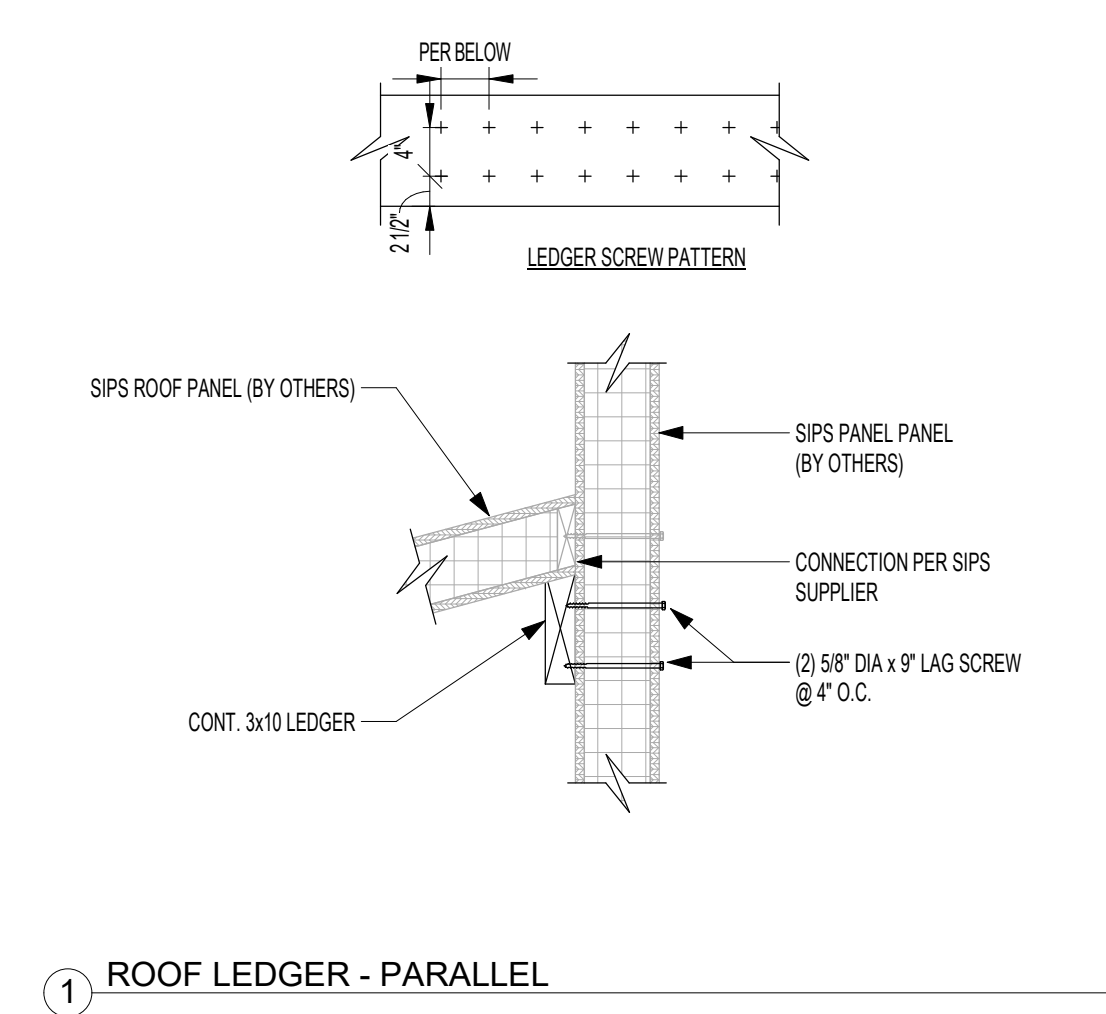
5 TYPICAL BEAM ATTACHMENT



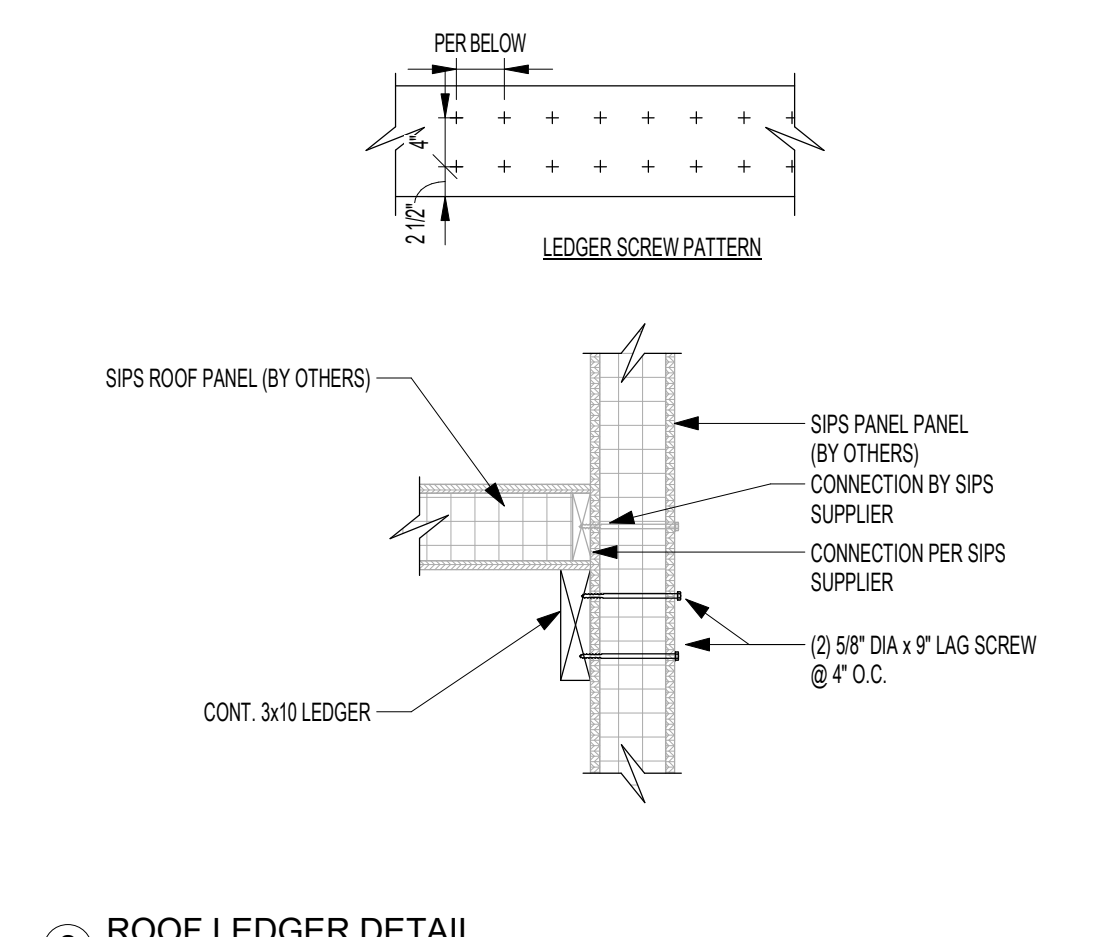
6 WOOD BEAM TO WOOD COLUMN



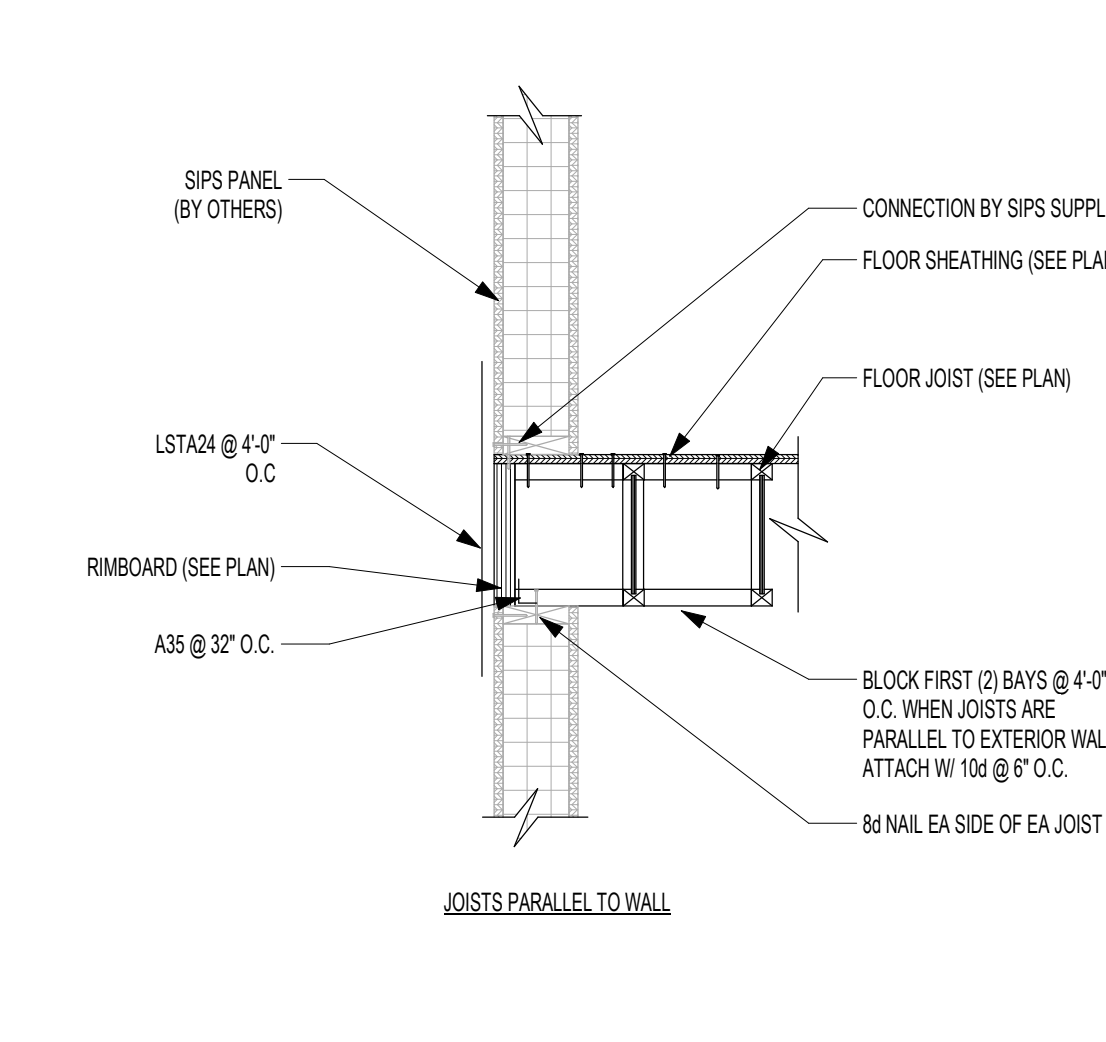
7 INTERIOR BEARING WALL



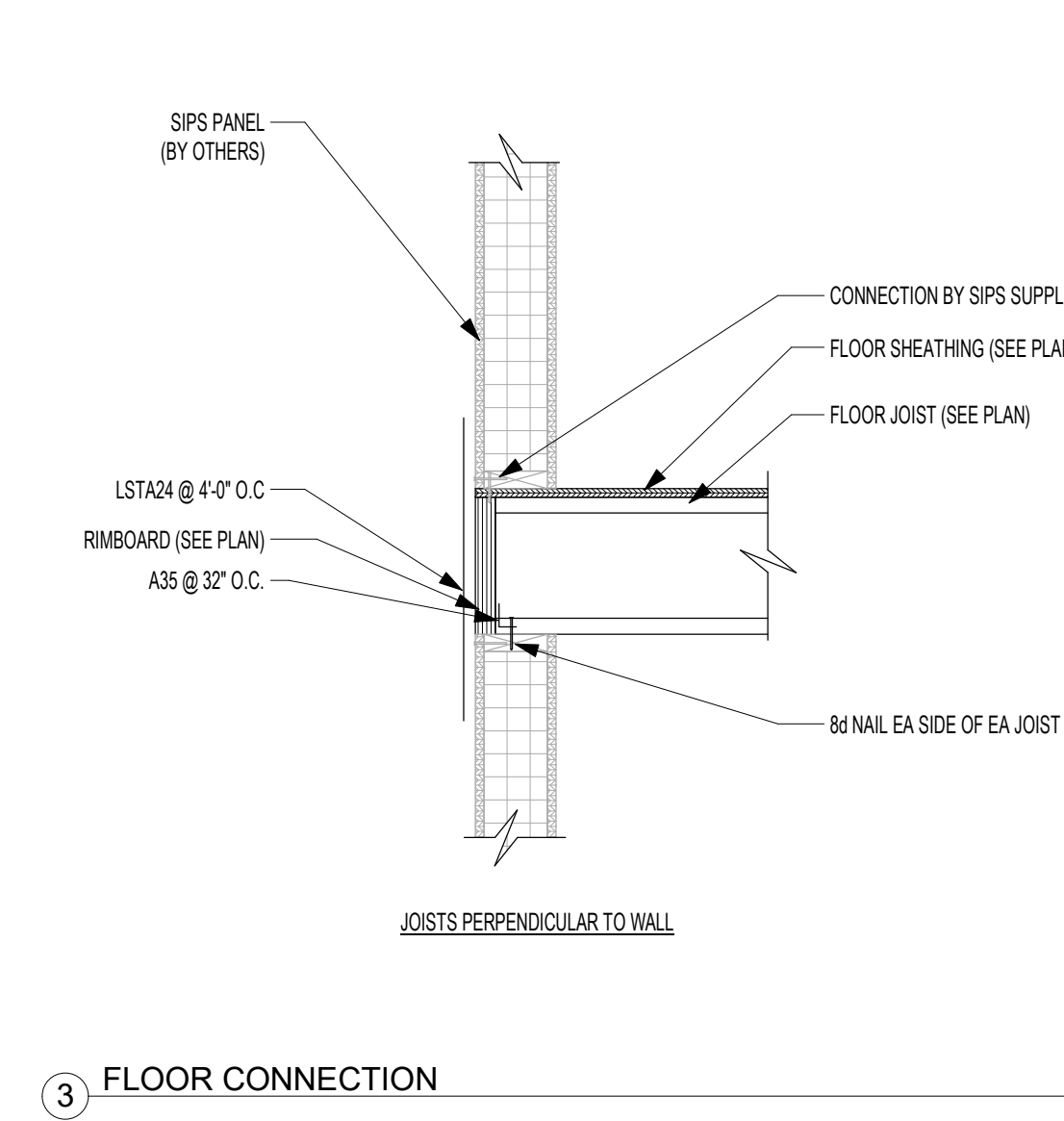
1 ROOF LEDGER - PARALLEL



2 ROOF LEDGER DETAIL



3 FLOOR CONNECTION



3 FLOOR CONNECTION



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WOOD DETAILS I

S3.0